

ADVICE

This *Service Manual* clearly defines the agreement between CHERY Automobile Co., Ltd. and its customers on the product quality assurance, and the establishment and termination of rights and obligations on after-sales service. Please carefully read this *Service Manual* before using the parts manufactured by the CHERY Company.

Service Manual for CHERY QQ6

You are sincerely congratulated to be an owner of CHERY QQ6! Thank you for your belief for Chery Automobile Co., Ltd and your choice for Chery products!

You will receive the high quality services from Chery Authorized Sales and Service Station whose employees have been trained well and specially.

State-of-art technology offers CHERY QQ6 the excellent performance. Selecting CHERY QQ6 shows that you have very high requirements on the performance and style of a vehicle.

Prior to using this car, please carefully read this service manual because the information hereto enables you to know how to properly manipulate and maintain this vehicle, and get the maximum enjoyable driving experience.

This Service Manual is applied to the CHERY QQ6 only.

Chery Automobile Co., LTD

Foreword

This manual is compiled in accordance with the structural features of QQ6 manufactured by CHERY Automobile Co., Ltd.. This manual is applied to the QQ6. This manual covers the latest information until it is printed. Chery Automobile Co., Ltd. is fully responsible for the revision and explanation of this manual and reserves the right of changing products without further notice. Some pictures in the manual are the schemes only for references, and in the case of unconformity between objects and pictures, the objects will dominate.

This manual is the principal evidence, on which you can get the automobile quality guarantee and it should be placed in your vehicle so that it is available whenever it is needed. In the event that you want to sell your vehicle, please hand over the manual and complete set of documents together with the vehicle to the new owner so that the new owner for their use at necessary moment.

Important Declaration

Before operating the products, please carefully read the Manual, which your rights to enjoy services of warranty from our corporation are lost due to the violation of the operational provisions.

CHERY Automobile Co., Ltd (hereinafter refer to as “the Company” or “CHERY Company”) has established the technical maintenance specifications of different phases and the running-in of new vehicle, including the maintenance on initial 5,000 km. The maintenance and care specified above are crucial for your vehicle safety and maintaining fine running conditions, so please abide by without violation.

In the event that your vehicle or its parts fail in the function due to misuse, negligence, improper operation, and maintenance that not in line with the prescribed interval of mileage/running hour, or signing the name or sealing on the maintenance evidence as required, or refitting /adding equipment on the vehicle without approval, you will lose the right of claiming, and any direct or indirect application for services of warranty will be refused by the Chery authorized sales and

service station.

In case that abnormality occurs to your vehicle during the operation, it must be overhauled and maintained by the Chery authorized sales and service station, and during the overhauling and maintenance the Chery authorized sales and service station has the right to decide whether to maintain the vehicle through the method of repairing or replacing identical part or component depending on condition of the vehicle.

If you are confused during reading the manual, Chery company and Chery authorized sales and service station will explain to you in detail, and at the same time precious opinions are welcome from our customers.

WISH YOU A HAPPY DRIVING!

The copyright of this manual belongs to the CHERY Automobile Co., Ltd.

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**Chapter 1 Brief
Introduction**

Prior to reading this instruction manual, you should learn about the following:

Thank you for your purchasing a Chery vehicle. To help you use your car properly and ensure your benefit, please take time to read this manual carefully.

This manual contains some important information for daily operation and normal maintenance. It is designed to assist you to be familiar with operation of your car. Thorough familiarity with your vehicle will provide you enhanced security, lower cost and enjoyable

driving experience.

Any improper operation might cause your vehicle damage, and you might lose your right to claim.

Regular maintenance will keep your vehicle in good condition and play a significant role in maintaining and the resale value of your vehicle. And many skillful auto repair technicians from Chery Authorized Service Stations nationwide can provide you high quality repair or maintenance service. Chery Authorized Service Stations are also the reliable sources for providing genuine spare parts from the original manufacturer.

■ SCOPE OF EQUIPMENT

This manual specifies the utmost scope of would-be installed equipment for A5

series vehicles until printing this manual, i.e., all of the standard and optional installation for a A5 model. Some equipment may be only supplied in the future or to certain market, hence, some items in this manual may be inapplicable to your vehicle.

■ Warning Symbols In This Manual



When using a vehicle, how to minimize the damage to vehicle and its equipment as well as prevent from passenger's injury? In this manual, the answers are contained in the explanations marked with triangle warning symbol. Please read it carefully and abide by relating contents.



Equipment marked with asterisk

only are used for certain models, or only supplied for options for some kind of models, or only supplied in certain market.



If you see this symbol in your vehicle, prior to any operations, you must read the relating chapters in this manual.



Safety and environmental protection

We must shoulder our obligatory responsibilities and obligations in the effort of environmental protection. It is an important procedure to properly use a vehicle and dispose wasted cleaning articles as well as lubricants in accordance with relating regulations so as to achieve this goal. In this manual, arboraceous symbol is used to highlight the

above-mentioned information.

■ Inspection of a New Vehicle

Prior to hand over the vehicle to you, the dealer of Chery Automobile has already carried out inspection in accordance with the provision specified by Chery Company. The dealer should fill in the date of vehicle delivery in the “Vehicle Delivery and Inspection Record”, and stamp his official seal of specific dealer.

The dealer will check the performance of an entire car in accordance with “Vehicle Sales and Delivery Card of Chery Automobile”, and introduce common knowledge of using the vehicle, then the sales clerk and user sign their names to

complete the purchase.

■ Running-In of a New Vehicle

Owing to machining and assembling errors, the frictional resistance between the moving parts of a new vehicle will be much larger than normal condition at the initial stage. The running-in effect of the initial stage has considerable influences on the vehicle’s service life, operational reliability, and economy. So the using of a new vehicle must strictly comply with specifications on running-in.

Specification of Running in Within 1,000 Km:

- Full speed is absolutely impermissible;

- In general, it shall not exceed 100km / h;
- Each gear shall avoid running at full throttle.

Specification of Running in within the Range of 1,000 - 1,500 KM:

- It can gradually increase to the maximum speed or run at the maximum allowable speed of the engine.

Attentions Should be Paid after the Period of Running In:

When driving a vehicle with speed meter, the allowable maximum transient speed is 6000 r/min. When manually shift the gear, if the cursor of speedometer reaches

the red indication area, it must switch into the adjacent high gear.

Unnecessary high speed of engine should be avoided. Change up as soon as possible is favorable for fuel saving, work noise decrease as well as environmental pollution reduction.

However, engine speed should not be too slow when cruise, only when the engine is overloaded should it is necessary to shift down.

When a vehicle is cold, no matter whether it is on neutral position or driving on certain gear, the engine should not work at maximum speed.

When using a new tire, at the beginning it has no optimal adhesive force. Hence, running-in for first-life tire is also quite

necessary. Under such circumstance, when driving during the first 100 km, it ought to be relatively slow, and the driver should be extraordinarily cautious.

Running-in for the new friction lining of brake is also quite necessary. When driving during the first 200 km, ideal friction of the brake is not available. In this phase, if the braking is comparatively poor, the driver can conduct properly larger pedal pressure. This action is also applicable to the newly replaced brake friction lining.

After 800 km of cruise, the wheel nut of a new vehicle must be again screwed down to specified torque. Refer to the chapter "Specification Parameters" in this manual for proper torque value. Similarly, if a

wheel is replaced or a wheel nut has ever been loosened, after 800 km of cruise, the wheel nut should be again screwed down according to specified torque value.

when you purchase a car. If you have any problems during the process of driving, please contact your consultant, who will provide you with high quality services.

■ One-to-One Service

To provide better vehicle services as well as application, a Chery vehicle dealer will appoint one service consultant for you

Vehicle Delivery and Inspection Record:

This vehicle's delivery inspection has been finished in accordance with the provision specified by Chery Company Limited, and the quality conforms to the technical specification of Chery Company. And the certification is presented herein.

Date of vehicle delivery: _____

Seal of Dealer:

Registration
number:

Owner

Service Station

Name (unit)

Address

Manager of the service station

Telephone _____ Telephone _____

Date of Vehicle Delivery:

--	--	--	--	--	--	--	--

Seal of dealer

Vehicle Model

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Body VIN number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Engine No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Transmission No

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Vehicle Sales and Devlivery Card of CHERY

Category	S/N	Item	Whether inspected and clarified or not	
Performance of Complete Vehicle	1	Engine	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Engine oil, brake fluid, steering fluid, coolant, electrolyte, windshield washer fluid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Identifications such as VIN number, engine number, nameplate, etc.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Locks and keys of the complete vehicle	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Lighting system of the entire vehicle includes headlamp, directional signals, fog lamp, combination light, interior light, stop lamp, reverse light, taillight, reading light, door lamp and instrument light.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Windshield glass and body finish	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Speedometer, tachometer, and odometer.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Wheel house, spare tyre in luggage boot, tool box and service manual for complete vehicle.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Seat belt, seat, cigarette lighter, A/C switch and duct, glove box and sun visor.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Window regulator, rearview mirror, wiper, washer, horn/speaker, radio (CD) and antenna	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Brief Introduction

o f	1	93# gasoline for fuel	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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Brief Introduction

	2	Proper use in running-in period	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Operation of complete set of vehicle lights	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Meanings of warning light.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Proper maintenance time and mileage	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Items of vehicle maintenance in winter/summer	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Proper understanding on cooling system and use of coolant	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Proper operation of air conditioner	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Precautions while starting the vehicle	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Proper operation of audio devices	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<div> Signature of seller: Date: Signature of owner: Date: </div>				

“One-to-One” Consulting Service Card

Owner's name:

Date of Purchase:

Dealer of Sale Service:

Model:

VIN No.

The following items shall be confirmed by the owner.

I. Confirmation of matters of concern when delivery (“√” for yes and “×” for no)

- ☐ Basic methods of application has been introduced, vehicle has been inspected face to face when delivery
- ☐ Warranty service regulation has been clarified
- ☐ Notices of driving have been clarified
- ☐ The significance of regular maintenance as well as maintenance time/ mileage intervals has been clarified
- ☐ The significance of accepting maintenance /service in Chery Authorized Service Station has been acknowledged.
- ☐ "Maintenance Manual" and "Instruction Manual" have been delivered, and reminded the owner to read carefully
- ☐ Usage and function of Chery Company's customer service hot line have been acknowledged

II. Introduction of “one-to-one” consulting service mode (“√” for yes and “×” for no)

- ☐ Always contact your service consultant if the owner has any problem or requirement, while not someone else
- ☐ The service consultant is the only person who is designated by the service station to communicate with the owner
- ☐ "one-to-one ": only one service consultant shoulders the

responsibility of one owner

- ☐ If not satisfied, owner can select another service consultant

III. Introduction of service consultant's main work (“√” for yes and “×” for no)

- ☐ Service and reception of repair and maintenance requirement
- ☐ Accept complaints
- ☐ Regular maintenance reminding and return visit
- ☐ Consulting and solutions for repair/maintenance
- ☐ Regular greeting return visit
- ☐ Repair/maintenance reservation accepting
- ☐ Service activities reminding and return visit
- ☐ Annual review reminding/accepting
- ☐ Significant festivals greeting
- ☐ Miscellaneous items handling of owner's requirement

IV. Establishment of “one-to-one” consulting service relation

Business card of service consultant

Signature of owner / date: Signature of service consultant/ date:

“One-to-One” Consulting Service Card

Owner's name:

Date of Purchase:

Dealer of Sale Service:

Model:

VIN No.

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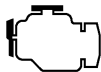



IV. Establishment of “one-to-one” consulting service relation





Business card of service consultant


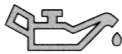


Signature of owner / date: Signature of service consultant/ date:

Operation & Adjustment of Interior Devices







Description of Common Symbols on Vehicle







Symbol	Definition
	CHECK ENGINE
	Glass Drive Switch Prohibited
	Rear Fog Lamp
	Front Fog Lamp
A/C	Air Conditioning System







Symbol	Definition
	Antilock braking system
	Safety warning
EPC	Throttle fault indicator lamp
	Cigarette Lighter
	Brake system warning light

Symbol	Definition
	Position light
	Engine oil pressure warning light
	Coolant temperature overhigh warning light (red)
	Coolant temperature normal indicator (green)
SRS	Identification of air bag




Operation & Adjustment of Interior Devices

Symbol	Definition
	Battery
	High beam
	Low beam
	Headlamp switch
	Parking brake indicator light
	Lockup indicator

Symbol	Definition
	Seat belt ready
	Hazard warning flasher
	Battery positive
	Air bag fault indicator light
	Fuel level low
	Rear windshield heating indicator

Symbol	Definition
	Windshield washing
	Horn
	Vehicle maintenance indicator
	Windshield defrosting/defogging
	Inner circulating air
	Outer circulating air

Operation & Adjustment of Interior Devices

Symbol	Definition	Symbol	Definition	Symbol	Definition
	Unlock indicator		Indicator for interior lamp switch		
	Warning light for door and trunk lid open		Audible alarm		
	Right turn signal lamp indicator		Left turn signal lamp indicator		

Operation & Adjustment of Interior Devices

Chapter 2 Operation & Adjustment of Interior Devices

Steering Wheel Lock & Ignition Switch



The built-up type steering wheel lock/ignition switch includes the following key positions:

B--the ignition switch is turned off, and the steering wheel is locked.

When the key is drawn out from the ignition switch, the steering wheel lock will be activated to lock up the steering wheel.

To lock the steering wheel, after removing the lock, the steering wheel shall be turned slightly until you hear the engage sound of steering wheel locking.

I -- Steering system unlocked. The circuits of electrical accessories are switched on to operate the audio, cigarette lighter, wiper and other electric appliances. But the ignition switch and primary electrical circuits power off.

If it fails or is difficult to turn the key from the **LOCK** position to this position, you can slightly turn the steering wheel to the left and right, and then the steering wheel locking mechanism will be able to release.

The key of ignition switch shall not be placed this position for a long time to

avoid using up the power of battery.

II -- Switch on the ignition circuit to enable all electrical circuits to work. Both warning lamp and indicator light. This is the proper position of key during driving, and also is the position that must be selected when the vehicle is trailed.

III -- To switch on the starting motor, and start up the engine.

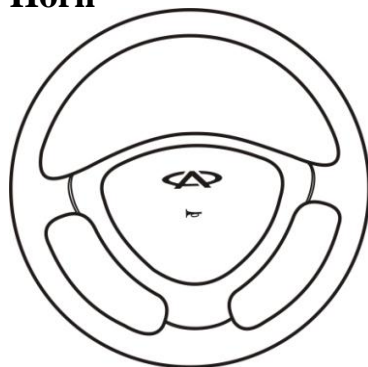
When the locking hole is in this position, the wiper, audio and other electrical apparatuses with large electric power consumption all be switched off to ensure the vehicle starts up.


There is a restart proofing equipment inside the ignition switch. Once the engine operates, this equipment can prevent the starter from false startup to

avoid damaging the engine and the engine flywheel.

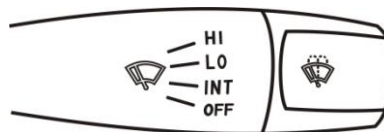
If failing to start, the ignition key must be turned back to the **B** position prior to restart, and then be turned to this position. After the completion of startup, release the key and then it will rebound to the **II** position.

Horn



Press down the  button on the steering wheel to operate the horn. You also can operate the horn even when the ignition switch is in the OFF state.

Windshield Wiper & Washer System



In the cold seasons, you shall check whether the wiper blade is frozen on the windshield prior to the use of wiper. If the blade is frozen on the windshield, the wiper can be used only after the ice-out of blade. Otherwise, it may damage the motor of wiper.

It also may damage the motor of wiper if you operate the wiper when there are some obstructions on the windshield, such as snow cover.

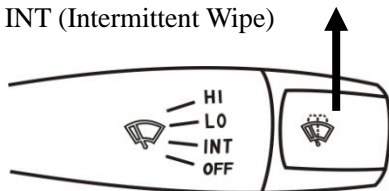
Please clear the obstructions before you operate the wiper.



Do not operate the wiper on the dry windshield, otherwise it may scratch the glass and result in the permanent damage to the wiper blade.

The following functions are available only when the ignition switch is turned on. There are four operational positions in total which shall be in OFF position in case that the wiper is out of service.

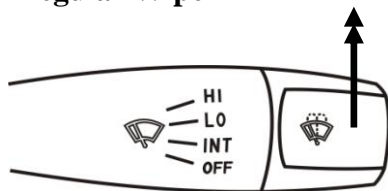
INT (Intermittent Wipe)



Shift the control lever upward to INT position from OFF position.

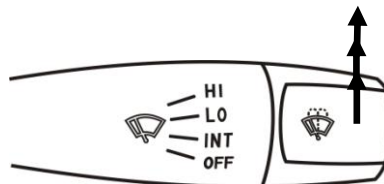
The wiper controller will operate automatically once at every period of time.

Regular Wipe



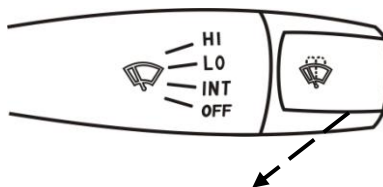
Shift the control lever upward past one position to LO position from OFF position.

HI (High-Speed Wipe)



Shift the control lever upward past two positions to HI position from OFF position.

Water-Spraying Switch



Pull the switch lever towards the steering wheel and hold it at this position, then cleaning liquid will spurt

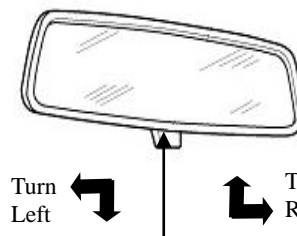
from the nozzles in front of the windshield and at the same time the wipers operate.



The operation of water-jet must not be more than 10 seconds, and the operation cannot be done if cleaning liquid is not available in the reservoir of cleaning liquid, otherwise the water-jet motor may be damaged.

Interior Mirror

Rearview




Turn Left

Turn Right

Anti-glare doctor bar

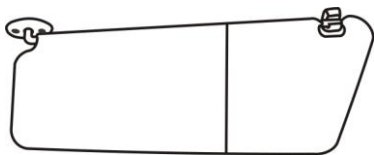
You can turn the doctor bar rightwards



or leftwards to adjust the angle of the

rear-view mirror if you want to reduce the glare when driving at night. When the doctor bar is turned leftwards, the rear-view mirror turns downwards a certain angle; when the bar is turned rightwards, the mirror turns upwards a certain angle.

Sun Visor



The sun visor can be unfastened by loosening the retaining clip and turned to the side window.

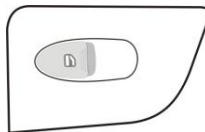
The car running certificate, toll and invoice etc. can be placed behind the sun visor.

Control Switches on Doors

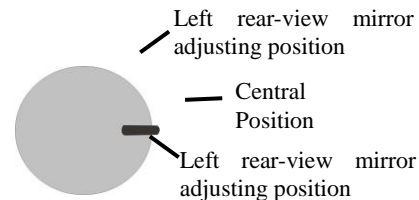
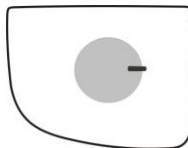


The driver-side control switches are left front, right front, left rear and right rear electric window switches and rear window safety switches respectively.

Electric window switch of rear seat



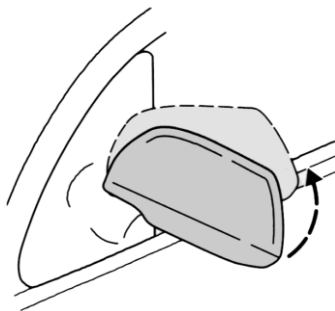
Electric Exterior Rear-View Mirror



The electric rear-view mirror can be adjusted using the regulating switch at the driver-side. The control switch can operate only when the ignition switch is in ON position.

When the control switch is turned counterclockwise to the proper position, the left outdoor rearview mirror can be adjusted; when the control switch is turned clockwise to the proper position, the right outdoor rearview mirror can be adjusted.

When the control switch is turned left or right to the proper position, push the switch forward, backward, leftward and rightward respectively to adjust the position of mirror surface upward, downward, leftward and rightward. The switch should be turned to the central position once more after the proper adjustment.



If necessary, for example the car is in narrow space, the outdoor rearview mirror can be folded inside by hand.

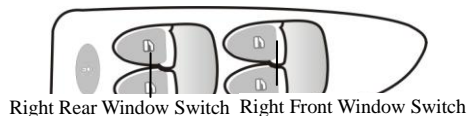
The rearview mirror can be resumed to its original position by unfolding it outward to the proper position.



The image in the convex rear-view mirror is seemingly smaller and farther than the actual object. Attention that the actual distance away from the object shall not be over-estimated.

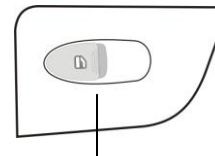
Electric Window

Left Rear Window Switch Left Front Window



Right Rear Window Switch Right Front Window Switch

Rear Door



Rear Electric Window Switch

The electric window can be operated only when the ignition switch is at ON position.

Each window can be operated by its control switch which fitted on each door trim panel.

The window can be opened or closed by press-down or lift its control switch.

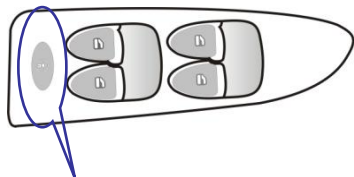
During the ascending or descending of window glass, if the switch is released, the window glass will stay at the current position.

The window lift control switch has delay function, that is, it can still operate within 60 seconds after pulling out the key.

Each window lift control switch has the function of light touch, that is to say, the window glass can automatically lower to the bottom if the switch is pressed for one second.

The control switches of other three windows are available on the door trim panel at the driver's side besides the control switch of the window at the driver's side.

Rear Window Safety Switch



There is a safety switch button on the door trim panel at the side door. If press down the button, the switches of the electric windows on the right front door and two back doors are controlled. In this case, the corresponding rear window switches can be controlled only through the driver-side rear window switch. It is recommended to do so when there is a person with qualified civil capacity or no civil disposition capacity children in the rear seat.



The cigar lighter cannot be inserted for a long time to prevent danger from happening. If a baby solely stays in the car, the cigar lighter should be taken away.

NOTICE:

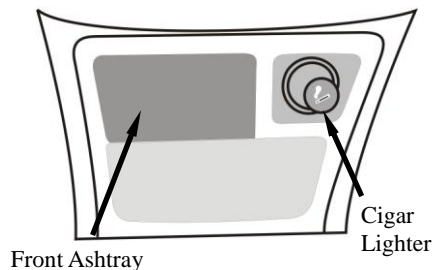
Take care to close the windows! It is to be noted that you shall observe the surroundings to avoid the occurrence of injury accident generated due to squeeze!

Front Ashtray, Cigarette Lighter

The front ashtray is located at the front of the shift lever. Pull outwards the ashtray by hand and then use it. To empty the ashtray, draw out the insert first

The cigarette lighter is located at the right side of ashtray. Press the cigar lighter inwards and wait until it automatically rebound, then the cigar lighter can be used. Even if the ignition

switch is off, the cigar lighter can also be used.

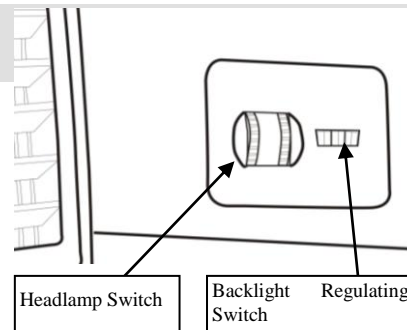


Lighting

Control

While operating the following lighting equipment, please abide by relevant traffic regulations.

Headlamp Switch



OFF – Turn off the exterior lamps.

Side Light:

Turn the headlamp switch on the instrumental panel to the 1st position (i.e. width lamp position), and, in this case, front/rear position lamp and the license plate lamp light at the same time.

Backlight adjustment:

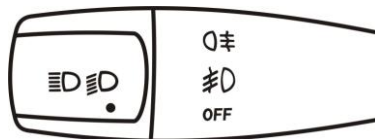
After the width lamp turns on, the nightlighting of instrument, audio, A/C, switch and etc light; and the brightness of interior backlight can be adjusted by

operating the backlight regulating switch.

Low beam:

Turn the headlamp switch on the instrumental panel to the 2nd position (i.e. low beam position), and then the low beam lights.

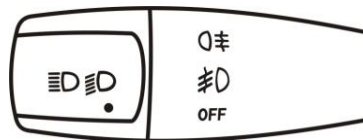
Headlamp High\low Beam Conversion



When the headlamp switch is in the low beam position, i.e., in case that the low beam turns on, pull downwards the

handle, and pass through the force point and then convert into the high beam. The high beam indicator lamp in the dashboard is also light on together with the headlamp high beam. Move the handle towards the steering wheel to its original position to return low beam lamp.

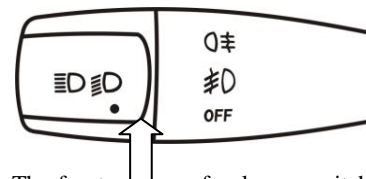
Flashing OF Headlamp



During driving, if it is necessary to flash the headlamp, just move the handle towards the steering wheel to the resistant point, and then release the handle to make it auto return. Repeat this operation to flash the headlamp

continuously.


Front/Rear Fog Lamp Switch




The front and rear fog lamps switch is located on the control handle at the lower left side of steering wheel.

When the headlamp switch is in the 1st or 2nd position, turn the handle (section with a black round point as shown in the figure), turn on the front fog lamp, and then turn the handle to turn on the rear fog lamp.

Remind that the headlamp switch shall be turned on (at 1st or 2nd position) first in order to turn on the fog lamp. Turn on the front fog lamp, and then turn on the rear fog lamp.

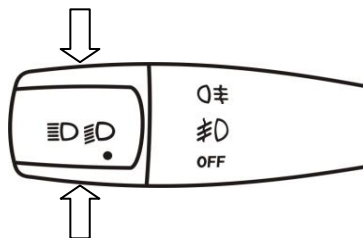
When the front fog light is connected, its indicator lamp  in the instrument light will light on.

Only when it is in foggy, snowy and rainy weather that badly limit the visibility can the front fog light be used.

When the rear fog light is light on, its indicator lamp  in the instrument light will light.

It is allowed to use rear fog light under the condition of much lower visibility due to its strong dazzle function.

Turning Signal Lamp



Only with the ignition switch on can the turn signal light works.

Left turn signal light --- Move the handle downwards.

Right turn signal light --- Move the handle upwards.

When the turn signal light is connected, its turn signal indicator light in the dashboard will flash together with.

Interior front ceiling lamp

Switch is in the right position: ceiling lamp extinguishes.

Switch is in the left position: ceiling normally lights.

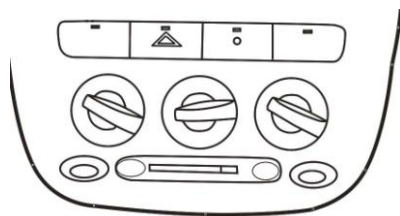
Switch in in the central position: ceiling lamp lights when any door opens while extinguishes when the door closes.

Trunk Lamp

If the trunk opened, the light will turn

on (but it is not under the control of the ignition switch). After parking, please notice to cover the trunk properly.

Hazard Warning Flasher Switch



The triangle shape as shown in the figure is the hazard warning flasher switch. This switch is located on the central instrument console, and the position between the audio panel and A/C control panel.

The hazard warning flasher switch is applied only in case of a emergency to

give an alarm to the vehicles which follow your vehicle and tell them that your vehicle has trouble or hazard. The system can by turn on/off immediately press-down the switch. With the ignition switch at OFF position, this hazard flasher warning lamp can also be operated.

After the warning flasher turns on, the indicator light (yellow area) on the switch flashes. The right and left turn signal lights on the combination instrument also flash at the same time.

Braking Lamp

Step down the brake pedal to light on braking lamp; if release it, the lamp will turn off immediately.

前排烟灰缸

Backup Lamp

After turning on the ignition switch and shifting to the Backup position, the backup lamp lights while extinguishes after turning off the ignition switch or shifting to other gear positions.

Chapter 3 Driving

DRIVING

Start-up

Preparatory work before start-up

The start-up of engine is controlled by the electric control system of the engine.

To start up the electronic injection engine, do not step on the gas pedal before and during starting. You step on the gas pedal only when it is a poor start. For the details about the start of a vehicle, see the Section “Start-up of engine” of this chapter.

Safety considerations

The idling speed of an engine is controlled by the electric control system. The idling speed is high when the engine starts, which is advantageous to increase the temperature of the engine. After the temperature of the engine rise, the idling speed shall decrease automatically. If the idling speed fails to decrease automatically, you shall get to the Chery Authorized Service Station to make your vehicle repaired. Do not make the engine operate at the speed, which is more than the specific idling speed, for above 10 minutes.

Before the vehicle starts:

1. Confirm that all passengers fasten



The long-time high-speed idling DO NOT start up your vehicle on the airproof garage or other enclosed locations. The exhaust gas from a vehicle is noxious. The door of garage must be opened before the engine starts. For the details, see the section “Caution against the exhaust fume from a vehicle” in this chapter. make the temperature of the engine compartment and exhaust pipe rise up, which it may cause a fire.

their safety belt. For the safety belt and its instruction, see the Chapter “Seat and Safety Protection”

2. Confirm that the front headlamp and other electrical accessories power off.
3. Confirm that the handbrake is pulled up.
4. Confirm that the selector lever is in NEUTRAL position.

5. Turn the ignition switch to the “II” position other than the (III).

If it needs great effort to turn the key, you can turn the steering wheel leftwards and rightwards until the key can be turned freely. This may be conducted by the following several reasons:

- The front wheel deflects.
 - The front wheel touches the curb.
 - The steering wheel is turned when you go abroad or get down. (The steering wheel self-locks).
6. Turn on the ignition key, and, at the same time, confirm that the instrument panel warning lamp lights for a short time. If the lamp doesn't light, it is required to get to the Chery Authorized Service

Station to make your vehicle required.

Start the engine

1. Turn the ignition switch to the “III” position, DO NOT step on the accelerator pedal, and release the key immediately after the engine starts. In this case, the key returns back to the “II” position.
2. If the temperature is more than -12°C and it is difficult to start the engine within 5 seconds for the first start, then you shall turn the key to the OFF position and wait for 10 seconds to have a retry.
3. If the temperature is less than -12°C and it is difficult to start the engine within 5 seconds for

the first start, then you shall turn the key to the OFF position and

If the driver's safety belt is already fastened tightly before the ignition key turns on, the safety belt warning lamp doesn't light.

wait for 10 seconds to have a retry. If the engine fails to start twice continuously, you can step on the gas pedal to the extreme and keep this position, and then turn the key to the START position. After the engine starts, release the key, and then release the accelerator pedal slowly as the engine speed increases.

4. After the engine starts, it operates for several seconds at the idling speed, and then you step on the foot brake, release the handbrake and shift to a drive gear to

prepare for driving.

5. The ambient temperature range applicable to normally start an engine is -25°C - 40°C (when the ambient temperature is out of this range, other abnormal conditions may appear).

Beware of the car's exhaust fume

Though the car's exhaust fume is colorless and odorless, it contains carbon monoxide, the poison of which you must beware of. Some integrants in the engine's exhaust gas and chemicals contained in or emitted by some automotive parts may be carcinogenic, cause neonate defects or other genital system impairments.

In the following cases, check the exhaust system and the body ventilation system of the car.

- Lifts the car for overhaul.
- The sounds of the exhaust system change.
- The car is damaged by collision.

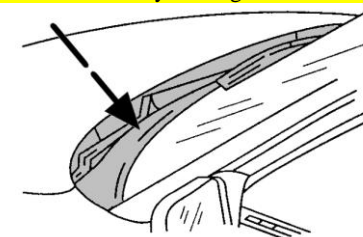
Remember to ventilate

Open the car's windows for more than 2.5cm when parking and idling the car long in an open area, or, turn on ventilation function of A/C system to enable fresh air to enter the car.

Air vent

Driving

In case foreign smell of exhaust fume is smelt inside the car, immediately request a Chery Authorized Service Station to overhaul the car and do not continue to drive. The exhaust fume is noxious and may endanger life.



Clear snow, fallen leaves and other foreign material blocking at the air inlet to improve the ventilation capacity of the car.

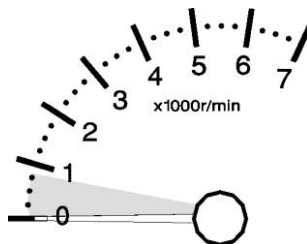
Self-adapting function of the engine's control system

If the battery cable has been ever removed, some abnormal phenomena may occur in the initial running stage of the car after reconnection. This is because the engine's control system is re-studying to adapt the engine, which are normal phenomena.

Revolution limitation to the engine

To protect the engine, engine revolution is limited by an electronic unit-ECU.

Shut down the engine



Release the accelerator pedal, wait until the engine revolution falls to idle speed, and then turn off the ignition switch.

Do not shut down the engine immediately when parking after a long time high speed running; leave the engine continue to run for 2 minutes at a revolution higher than the idle speed, so that the engine temperature can fall gradually.

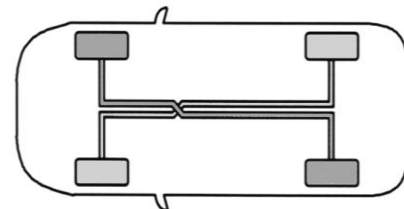
Note:

The engine temperature will remain high after the ignition switch is turned off and the engine stops, so, leave the electronic cooling fan of the radiator continue to run for about 10 minutes. Even if the cooling fan stops running, it may run again suddenly because of high temperature. Therefore, take special care when working by the engine.

Brake



Do not apply the accelerator pedal before shutting down the engine.



Dual-circuit brake system

Your car is equipped with a diagonal dual-circuit brake system. In case one of the two circuits fails, the other circuit still can maintain effective operation.

Brake fluid

If the brake system alarm lamp does not extinguish when releasing the hand brake, it indicates that the brake fluid level is too low.

Check the brake fluid level height regularly as required.

Working instructions for the brake system

It is normal for the brake system to make some noises occasionally. However, in case it makes sounds like

grinding between metals or screams, the brake linings may be seriously worn and need to be replaced. Then, send the car to a Chery Authorized Service Station for overhaul.

Send the car to a Chery Authorized Service Station for overhaul, in case there is a steady chatter or vibration being transferred to the steering wheel when braking.

The new brake lining must go through a running-in before reaching its optimal braking effect. The braking effect will fall a little in the initial 200 kilometers, under which case, apply a larger force to the brake pedal properly to compensate the braking effect. This gist also applies to the new brake lining replaced.

The wear status of the brake lining depends greatly on the operating mode and driving method. For a vehicle mainly used in urban traffic, the working conditions of its brake linings is very hard, therefore, be sure to send



In case one of the two brake circuits fails, you need to apply a larger force to the brake pedal and the stopping distance will also be longer. In such case, send your car to a Chery Authorized Service Station for overhaul before proceeding to your journey.

the car to a Chery Authorized Service Station for inspection of the thickness



Immediately add brake fluid to maintain the liquid level at MAX mark and send the car to a Chery Authorized Service Station for inspection of the brake system.

of the brake linings or for replacement of the linings at the specified

maintenance mileage.

When running downhill, shift to a lower gear timely to make full use of the engine's brake action so as to reduce the load of the brake system. At this time, do not keep stepping on the brake pedal even if braking is needed.

The damp brake disc may reduce the brake efficiency. After paddling, rainstorm or car washing, apply the brake pedal lightly to make the brake disc and brake lining rub to generate heat, which will evaporate the water and recover the braking effect.



Brake booster:



The brake booster is controlled by the engine vacuum. This device will operate only when the engine works, so, never slide when the engine is engine flameout during downhill running.

In case the brake booster is unable to work because of the car's being towed or sole failure, apply a larger force on the pedal to compensate the booster's effect.



ore, it is desirable that no foot pad or other coverings are laid on the floor around the pedal. If really required, ensure that the foot pad laid will neither hamper the movement of the pedal nor slide itself.

If the front spoiler is added on the car, ensure that the airflow to the front brake*unblocked; otherwise, the brake system may overheat due to poor heat emission, thus reducing braking effect.

ABS Antilock brake system (ABS)()

ABS can avoid lock of wheel. It can even enable the car maintain steering behavior during emergency brake, which allows you to avoid the barriers.

Each pedal could be stepped to extreme and can return completely and move freely.

Actions of ABS



ABS does not work during the normal braking; it works only when the wheel is to be locked. When braking, the brake pedal's fluctuation accompanied by noises indicates that ABS is working; such fluctuation and noises are normal. At this time, do not release the brake pedal.

Use ABS to brake

Keep applying the brake pedal with full force during an emergency may initiate ABS immediately, which enables you to keep control over steering and avoid

the barriers where enough space is available.

We recommend you firstly get familiar with this brake technique, however, avoid taking any unnecessary risk.

Self-inspection of ABS

ABS will perform self-inspection after the car starts. Some mechanical noises can be heard during this course, which is normal.

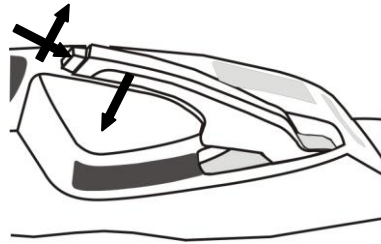


Though ABS can ensure the optimal braking effect, the stopping distances may vary greatly with road surface status. ABS can not always ensure reduction of stopping distance. For example, on sands or snow, the stopping distance of a car with ABS may be longer than that of a car without ABS. Also, you can not use ABS to eliminate the dangers caused by extreme close to a car before dodging when turning on



In case the ABS alarm lamp is found light during running, it indicates that a failure occurs in ABS system; then, stop the car and contact a Chery Authorized Service Station.

Hand brake



After parking, tighten the hand brake upwards to prevent the car from sliding due to lapse of attention.

When applying hand brake with the ignition switch turned on, the brake alarm lamp will light.

Pull up the hand lever to use the hand brake.

To release the hand brake, pull up the hand lever slightly, press down the release button at the end of the handle and simply push it down.

The hand brake applies action on the rear wheel. Applying the brake pedal while pulling up the hand brake can facilitate the hand brake's pulling up.

Gearshift

Methods and attentions for



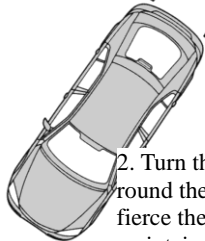
Pull up the hand brake handle before leaving the car.

use/operation:

- When shifting gear, completely apply the clutch pedal and rapidly control the gearshift lever to shift gear after the driver has detached

Use the important principle of ABS brake

1. Apply the brake pedal with full force and then hold



2. Turn the steering wheel to round the barrier. No matter how fierce the braking is, you can maintain control performance when turning.

the engine torque.

- Apply a slow speed gear when running downhill and turning; sliding with the clutch disengaged is not allowable.
- When shifting the transmission from a lower gear to a higher gear, do not step over gear; otherwise, the synchronizer's service life may be affected.
- Utilizing the synchronizer to forcibly shift gear to start the engine under NEUTRAL and flameout state is forbidden; otherwise, the synchronizer's service life may be affected.
- When shifting gear, the flapping method (i.e. one push and one release) is forbidden and you

should keep pressing the gearshift lever, thus greatly reducing sliding and rubbing time of the synchronizer's lock ring and reducing friction.

- Do not put your hand on the gearshift lever when driving; otherwise, it will cause excessive wear of the shift fork.
- Immediately stop the car to inspect when abnormal sound in transmission is heard and such abnormal phenomena as obvious resistance during operation etc. are found. Continue to drive only after the failure is removed.

Steering

In order to avoid damage to the power

steering system:

- When the engine is running, do not turn the steering wheel to its extreme position (turn to its left or right dead point) for more than 10 seconds.
- Refill power steering fluid at once when its liquid level is below MIN mark in its reservoir. Do not drive the car before refilling.

In case of failure in the power steering system or engine shutting down, the car will lose the steering booster force. Then, you still can turn the steering wheel, but a larger force is required.

Check the following items if the car wanders or swings:

- If any tire is under-inflation

- If the wear status of the tires is even
- If any suspension component is loose or worn
- If any steering component is loose or worn
- If wheel alignment is correct

Wading

If the car has to wade during journey, be sure to drive carefully and slowly, especially when you do not learn the water situation. Do not continue to drive ahead if the water can submerge the wheel hubs.

When paddling, both traction and brake performance of the car will fall and the car also may be in danger of flameout.

If water enters the intake pipe of the engine, it will cause serious damage to the engine. In case of a deeply paddling, the water can enter into the transmission from the air vent, which may damage the transmission.

After paddling, be sure to drive slowly and slightly apply the brake pedal for several times to remove the water from the brake. The water on the brake will make brake performance fall.

3-way catalytic converter

The catalytic converter helps to reduce the exhaust gas pollution.

Driving



Be sure to use the unleaded fuel. The leady fuel can cause catalytic converter to the oxygen sensor. Chery Automobile Corporation Limited will not be responsible for any damage due to use of leady fuel. The damages of this kind are beyond the scope of maintenance guarantee. Please contact the nearest Chery Authorized Service Station immediately if you have added the leady fuel by accident.



The gasoline engine car is equipped with narrow-necked filler, which can only accommodate the compressor gun

for unleaded gasoline.

Note:

If the engine is working all the times, the 3-way catalytic converter will become very hot. Therefore, remember to wear protective glove during maintenance to avoid scald.



Drive a car equipped with the catalytic converter

Avoid any case that may cause unburned or partly unburned fuel to enter the catalyst, especially when the engine is at a high temperature.

Avoid the following cases:

- Fuel is exhausted.
- Unnecessary and long starting of the engine.
- Let the engine run with one of the spark-plug cable joints removed.
- Start the car whose engine is still at the working temperature by pushing or towing.
- Turn off the ignition switch during running.

Parking

 During driving, drive the car at a lower speed to the nearest Chery Authorized Service Station in case of poor ion or performance fall of the car.  Be sure not to drive at a high speed. working status of the engine is normal or to observe the spark jump status of the spark plug by means of cylinder flameout; otherwise, the 3-way catalytic converter may be damaged.

Do not park, idle or drive the car on dry leaves or hay. Potential fire hazard still exists even if the engine is flameout, because the exhaust gas will still emit considerable heat in a short time.

Be sure to turn off the ignition switch before leaving the car. Do not leave the engine run with nobody inside the car. If you neglect this point, your car may move by chance, which may cause

personnel injury or property damage.

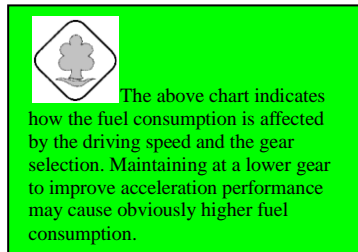
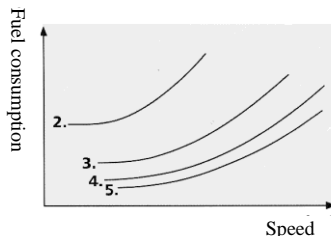
Chassis protection

Your car is equipped with a heat shield. Do not apply any painting or dressing on the body of the heat shield, exhaust pipe or catalytic converter or its vicinity area. Do not remove the heat shield.

Fuel consumption

Fuel consumption is affected by the following factors:

Driving speed and gear selection



Stroke temperature

Frequent cold start and short distance driving may obviously make the fuel consumption rise.

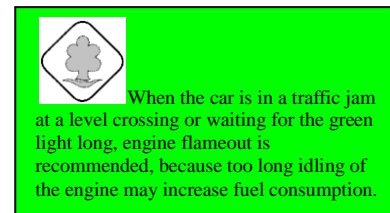
Traffic and road status

Traffic jam, uphill, excessive curves and rough road surface will all have adverse influences on the fuel consumption.

distance/engine

Good driving habit

Foreseeing the dangerous condition and keeping a safe running distance with the vehicle before can reduce not only the fuel consumption but also wear and noise of the brake.



Load condition of the car

Increasing the load of the car may cause higher fuel consumption.

Technical condition of the car

Under pressure of the tire or improper maintenance for the engine and the car will also cause higher fuel

consumption.

Essentials for fuel-saving driving and environmental protection:

- Run under fuel-saving mode and use additional electric load only when necessary.
- Start without pre-warming the car.
- Apply the gas pedal smoothly.
- Quickly shift to the next higher gear to obtain a lower engine revolution.
- Foresee the traffic status.
- Immediately turn off A/C and rear windshield heating functions when unnecessary.
- Regularly check/adjust the tire

pressure.

- Regularly perform maintenance for the car, which should be implemented by a Chery Authorized Service Station preferably.

Radiator fan

The radiator fan is an electric one and its working condition is controlled by ECU of the engine. The switch will automatically turn on the fan circuit when the coolant or the engine compartment reaches a certain temperature.



After parking and shutting down the engine, the radiator fan will continue to run for a period of time (about 10 minutes) because the engine is still under a thermal state and it will stop running until cooled to a certain temperature. Even so, the fan still can start suddenly due to temperature rise in the engine compartment caused by the temperature of outside surroundings (under insolation or in a high temperature region). Therefore, be careful when working in the engine compartment to avoid occurrence of any accident!

Descriptions:

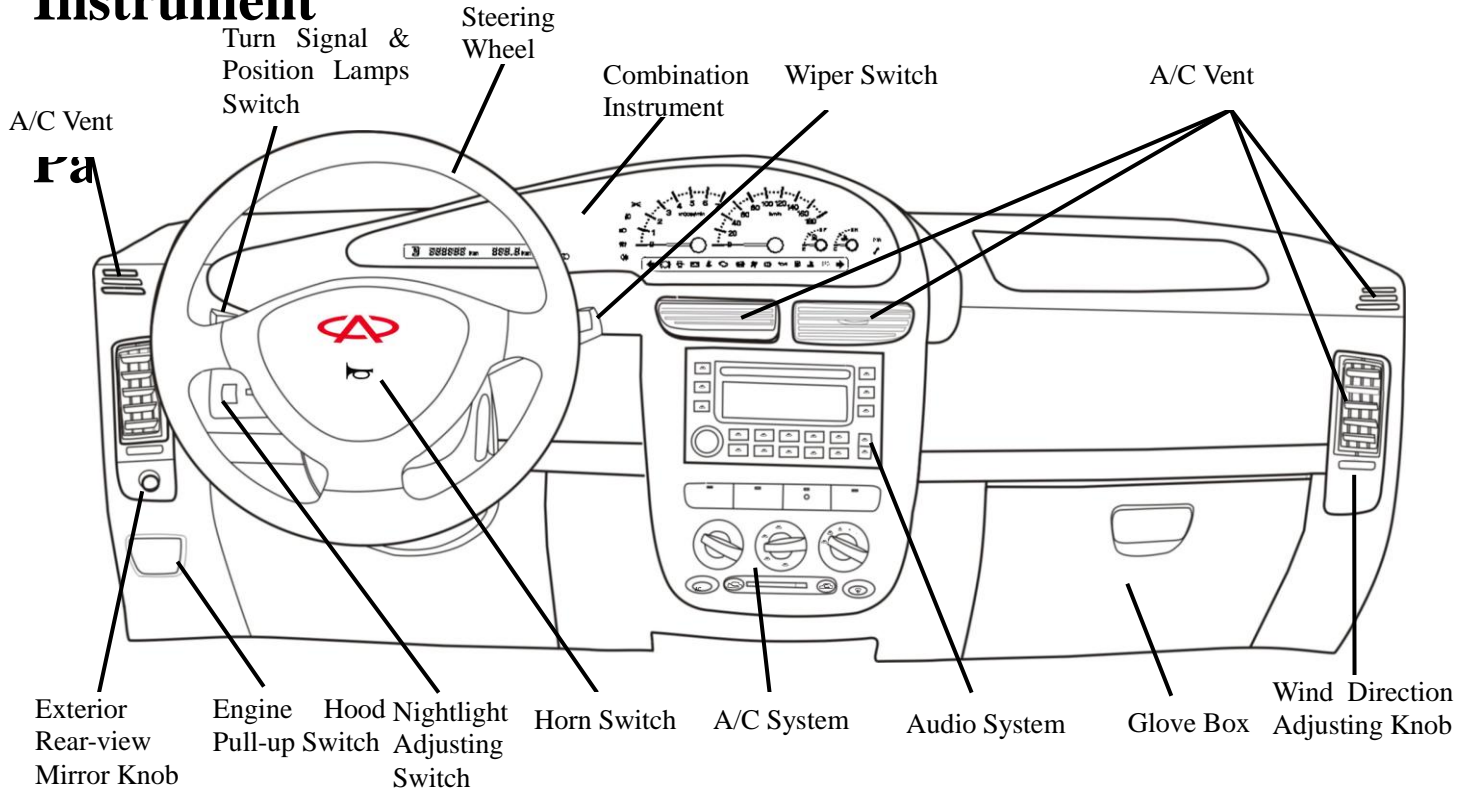
If the fan fails to run after the temperature of the coolant reaches the start-up temperature of the fan, check the fuse of the fan for blowing out, if necessary, replace the fuse.

The revolution of the fan has no relation to that of the engine and

shifting to a lower gear can not increase the cooling effect of the fan. Therefore, need not to shift to a lower gear when the engine runs smoothly and its speed does not fall obviously when climbing.

Chapter 4 Instrument
Panel

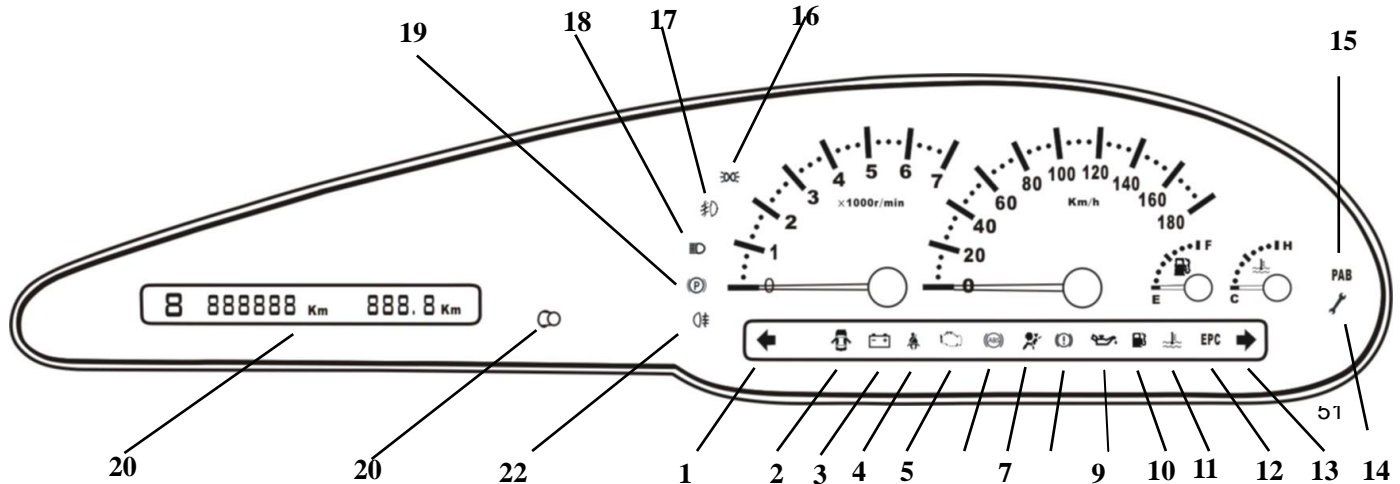
Instrument



Instrument Panel

- | | | |
|------------------------------------|---|---|
| 1. Left Turn Signal Lamp Indicator | 7. Airbag Warning Light | 13. Right Turn Signal Indicator |
| 2. Door Open Warning Light | 8. Brake System Warning Light | 14. Maintenance Indicator |
| 3. Battery Charging Indicator | 9. Engine Oil Low Warning Light | 15. Front Passenger Side Air Switch Indicator |
| 4. Seat Belt Warning Light | 10. Fuel Low Level Warning Light | 16. Parking Position Indicator |
| 5. Engine Fault Warning Light | 11. Coolant Temperature/Level Warning Light | 17. Front Fog Lamp |
| 6. ABS Warning Light | 12. Electronic Throttle Fault Warning Light | |

Combination Instrument Panel (*)



6 8

Warning devices

The warning devices are used to show driver the traveling condition of the vehicle and whether the vehicle has gotten problems which can cause serious damage and harm to the vehicle. If some one system has trouble, its corresponding warning light will light or flash.

When the ignition switch turns on, a majority of warning lights will light for a short time to perform the system

self-checking. If a certain warning light does not light, or it still lights or flashes continuously after the engine has started, please drive your vehicle to the CHERY Authorized Service Station to make the related system repaired.

Low fuel indicator lamp



When the level of fuel in the fuel tank is below 10 liters, this lamp lights and give an alarm, and the pointer of the fuel gauge will point to the red alarm line.

When the indicator lamp lights, please refuel as soon as possible.

ABS Warning light



In case that the ignition switch turns on, this warning light will light for a short time and the ABS system will perform self-checking at the same time and determine whether the system is in good condition. If this warning light continuously light or flash after the ignition switch turns on or during the traveling of vehicle, it indicates that this ABS system has trouble. However, the vehicle still has the general braking ability (without ABS) unless the brake system warning light also lights. In this case, please drive your vehicle to the CHERY Authorized Service Station to make it repaired A.S.A.P. However, you should drive carefully and don't drive at high speed. Please refer to “*Brake*” for the precautions on the use of ABS system.

Parking brake warning light



This warning light works only after the ignition switch turns on.

After the hand brake is pulled up, this warning light will keep lighting.

Brake system warning light



This warning light works only after the ignition switch turns on. In case that the brake system fails to operate or the brake fluid level is low, this warning light will light.

When this warning light turns on, check whether the brake fluid level is low. If the brake fluid level is low, immediately refill the brake fluid up to the level between the MIN and MAX marks, and

please get to the CHERY Authorized Service Station to make this system inspected.

Parking/Position indicator lamp



When the position lamp turns on, this indicator lamp lights.

Seat belt warning lamp



In case that the ignition switch turns on, the warning lamp will light to remind the driver to fasten his/her seat belt if he/she doesn't fasten the seat belt.

Engine fault warning lamp

If the brake system warning light lights during driving, it indicates there is something wrong with one of dual-brake circuits. In this case, carefully drive your vehicle to the nearest CHERY Authorized Service Station to make this system examined and repaired by the professionals. Considering the serious decrease of braking performance and the extension of braking distance, you shall keep longer distance from the previous vehicle during driving, and shall increase the pressure applied on pedal as required.

If both the ABS warning light and the brake system warning light are ON simultaneously and persistently, stop the vehicle immediately under the condition of safety warranty. Prior to continuing your journey, please drive your vehicle to the CHERY Authorized Service Station to make the brake system examined.



When the ignition key is ON, this warning light flashes and the engine's electric control system is in the self-checking state. If there is no trouble in this system, then the warning light extinguishes after the engine starts up, and if the warning light flashes at all times, the engine must be checked.

If the warning light flashes during driving, it indicates there is something wrong with the electric control system of the engine, please get to the nearest CHERY Authorized Service Station as soon as possible to make your car examined and repaired.

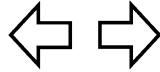
High beam indicator light



When the high beam indicator light lights or the headlamp flashes, this warning

light will light.

Turn signal indicator light



There are a left turn signal indicator light and a right turn signal indicator light. When the left/right turn signal lamp turns on, the corresponding turn signal indicator light also flashes slowly at the same time. When the hazard flasher warning light is ON, the left/right turn signal lamp and the left /right turn signal indicator light will flash at the same time.

If the flashing rate of the turn signal indicator light is quicken to the twice of original value, it indicates there is some wrong with the corresponding turn lamp.

Airbag warning light (✱)



When the ignition switch is ON, the fault indicator shall light for 3 – 4 s and then extinguish. It indicates that the airbag system works normally. If the fault indicator lights continuously, it indicates there are trouble codes.

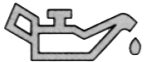
If this warning light flashes during driving, it indicates there are some troubles in this system. In the case, drive the vehicle to the CHERY Authorized Service Station to make this system examined.

Front passenger side airbag switch indicator light (✱)

PAB

There is a front passenger side air bag switch at the side of front passenger side instrument panel, with the ON/OFF position which can be selected by inserting and turning the ignition switch. In case that OFF is selected, the indicator light of PAB (Passenger Airbag) on the instrument panel lights, and the front passenger side air bag fails to operate. And in case that ON is selected, the indicator light extinguishes.

Low engine oil pressure indicator lamp



When the ignition switch is ON, this indicator lamp flashes, and then

extinguishes after the engine starts up. If this lamp still light persistently after the engine starts up or if it flashes during driving, please stop your car immediately, shut down the engine and check the engine oil level.

In case that the engine oil pressure is below 0.3 Bar and the speed of engine is less than 300 rpm, the indicator lamp flashes to give an alarm to the driver.

In case that the engine oil pressure is below 0.3 Bar and the speed of engine is greater than 300 rpm, the indicator lamp flashes, and the buzzer gives an alarm at the same time.

If the engine oil level is considerably low, immediately refill the engine oil.

Generator warning light



The warning light shall light when the ignition switch turns on, and extinguish after the engine starts.

If this warning light does not extinguish or if it lights during driving, please stop your vehicle immediately, shut down the engine, and then check the generator belt.

If the generator belt is in good condition, please immediately drive your vehicle to the nearest CHERY Authorized Service Station to make your vehicle examined and repaired. But in consideration of the fact that the battery will discharge continuously during driving, all the unnecessary electrical equipment shall be turned off, including A/C system.

If the generator belt has been damaged,



If the engine oil is used out quickly, please get to the CHERY Authorized Service Station to make your vehicle examined.

you should not drive further, and the

vehicle must be overhauled by professionals.

Coolant temperature/level warning light



After the ignition key is ON, this light shall light for several seconds, and then extinguishes. If the lamp still light after several seconds or if the light flashes due to the over-high temperature or low level of the coolant, and the buzzer gives an alarm at the same time during driving, stop your car immediately, shut down the engine and check the coolant level, and refill the coolant as required.

Door/Trunk lid OEPN warning light



This warning light is located at the center of the clock display on the center of instrument panel. When the ignition switch turns on, this light will indicate the condition of four doors and trunk lid if not properly close.

Electronic throttle fault warning light

EPC

This warning light shall light when the ignition switch turns on, and the engine's electric control system shall automatically check the electronic throttle. If this system has no trouble, the warning light will extinguish after the completion of self-checking, and if this warning light flashes at all times, the electronic throttle must be checked.

If the warning light flashes during driving, it indicates there is something wrong with the engine's electronic

throttle, please get to the nearest CHERY Authorized Service Station as soon as possible to make your car examined and repaired.

Brake lining warning light



When the brake lining is seriously worn, this warning light will light to give an alarm. In this case, please drive your vehicle carefully and get to the Service Station to make brake lining replaced A.S.A.P.



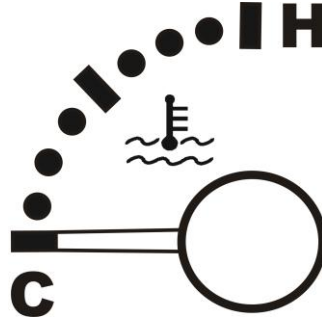
Be care not to be scalded!
If the engine is hot, the cooling system is in high temperature, high-pressure state. Thus, take care to open the radiator cap only after the engine cools down. Never touch the radiator fan!

Maintenance indicator light



When the mileage reading on the odometer reaches the preset value (5,000 km), this warning light will light to remind the owner to get to the Service Station for maintenance of the complete vehicle. After the completion of maintenance, the technician of the Service Station will turn off this indicator light.

Engine coolant thermometer



It is designated to display the temperature of engine coolant.

<C – Low temperature zone

During the warming up process, the engine will operate within this zone for a short period of time. It shall be avoided that the engine operates at high speed in this temperature zone. Meanwhile, the working load of the engine can't be too heavy

If the needle of thermometer stays in this

zone for a long time, please drive your vehicle to the CHERY Authorized Service Station to make your car examined and repaired.

C to H – Normal temperature zone

In the case of normal driving, the needle of the thermometer shall stay within this zone.

The needle may drift out of this zone when the outside temperature is very high and the engine load is very heavy. You still can drive the vehicle so long as the coolant warning light does not flash. If the coolant warning light flashes, shut down the engine and then check the cooling system.

>H - Overheat Zone

If the needle of the thermometer goes into this red zone, it indicates that the

engine is overheated. In this case, please securely stop your car immediately, turn off the ignition key and find the cause of problem after the engine cools down.

Description:

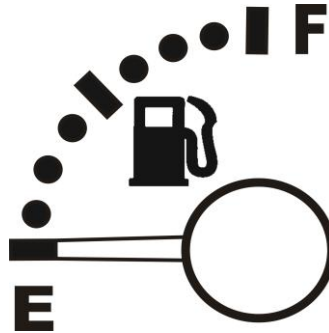
Installing the auxiliary front headlamp on the front of cold air inlet located under the front bumper will make influence on the circulation of the cooling airflow, which has some disadvantages to cool the engine.

If the outside temperature is very high, the engine is easily overheated when the engine operates under heavy load!

The front spoiler is also used for directing the cooling air. It may cause the engine overheating if the spoiler is damaged or even broken due to impact. In this case, please get to the CHERY Authorized Service Station in time to

have the front bumper repaired.

Fuel gauge



Capacity of Fuel Tank: 48 Liters

When the needle of fuel gauge gets to the “E (Empty)” position (indicated by the arrow as shown in the figure.), it indicates that there are still about 5 liters of fuel left in the fuel tank.

The needle of fuel gauge leaves the “F (Full)” position only after the vehicle is fully refueled and then travels a stretch of

distance.

When refueling the fuel tank again, the refillable fuel quantity may slightly lower than the rated capability because some

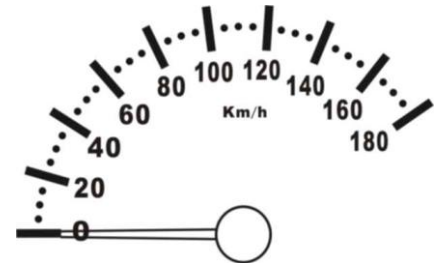


Please **DO NOT** open the radiator cap when the engine is still overheated. Restart the engine only after troubleshooting.

fuels remain in the tank.

If the low fuel warning light is ON, please refuel A.S.A.P. See “*Low fuel warning light*”.

Speedometer



It indicates the current driving speed of

vehicle.

NOTICE:

The speedometer is subject to the influence of size of the vehicle's tires. Please utilize the CHERY's authorized tire with the same size of original tire, otherwise the speedometer may not display the proper speed of the vehicle.

LCD display (※)



In the left area of LCD display, the gear position is displayed. This area is applied to display the current gear position of the vehicle with automatic transmission. And the vehicle with manual transmission only has no the function.

The intermediate area of LCD display is used to display the vehicle's total mileage.

The right area of LCD display is applicable to display the one-way mileage/instantaneous fuel consumption/average fuel consumption/clock display (which can be switched).

The method to switch the one-way mileage/instantaneous fuel consumption/average fuel consumption/clock display is as follows:

Press the clock adjustment button on the vehicle instrument (<0.3 s) to switch the display of the one-way mileage/instantaneous fuel consumption/average fuel consumption/clock display. In the one-way mileage mode, press the button for a long time (>1 s) to clear the one-way mileage.

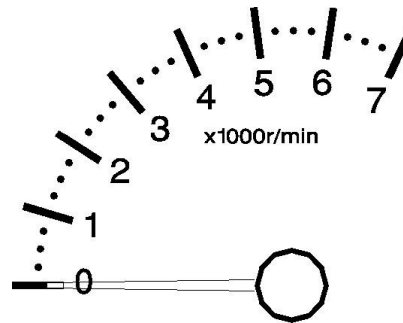
The method to adjust the clock display is as follows:

Press the clock adjustment button on the vehicle instrument to adjust the right area of LCD display to the clock display mode. In this case, press the clock adjustment button and keep it for approximate 4 s. And the HOUR digit of the digital clock will frequently flash. Press the clock adjustment button to adjust the hour digit of the clock, with one hour increment every one press. Pressing the button for a long time will automatically increase the value of HOUR digit; after the completion of HOUR digit adjustment, about 6 s later, the MIN digit of the digital clock will automatically flash. In this case, press the clock adjustment button to adjust the

MIN digit of the clock, with one minute increment every one press. And pressing this button for a long time will automatically increase the value of MIN digit.

After the completion of time adjustment of the clock, several seconds later, the digital clock doesn't flash any more. It indicates that the time of clock is corrected.

Tachometer



It is used to display the engine speed (rpm).

The red area in the upper right side of the dial represents the highest allowable speed range that the engine can get in a short period of time under the operating temperature of the engine after its running-in.

However, it is recommended to push the shift control rod into the next higher gear or remove your leg from the accelerator pedal when the needle reaches this zone.

NOTICE:

Entering into the next higher gear early is favorable to save fuel and decrease the driving noise.

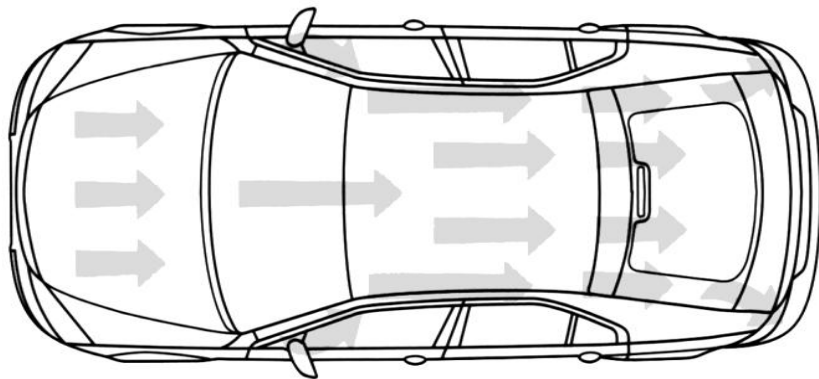
Once you find the engine operates unsteadily, please immediately shift the control rod into the next lower gear.



During the running-in period, DO NOT let the engine operate at high speed!

Chapter 5 Ventilation and Air Conditioning (A/C) System

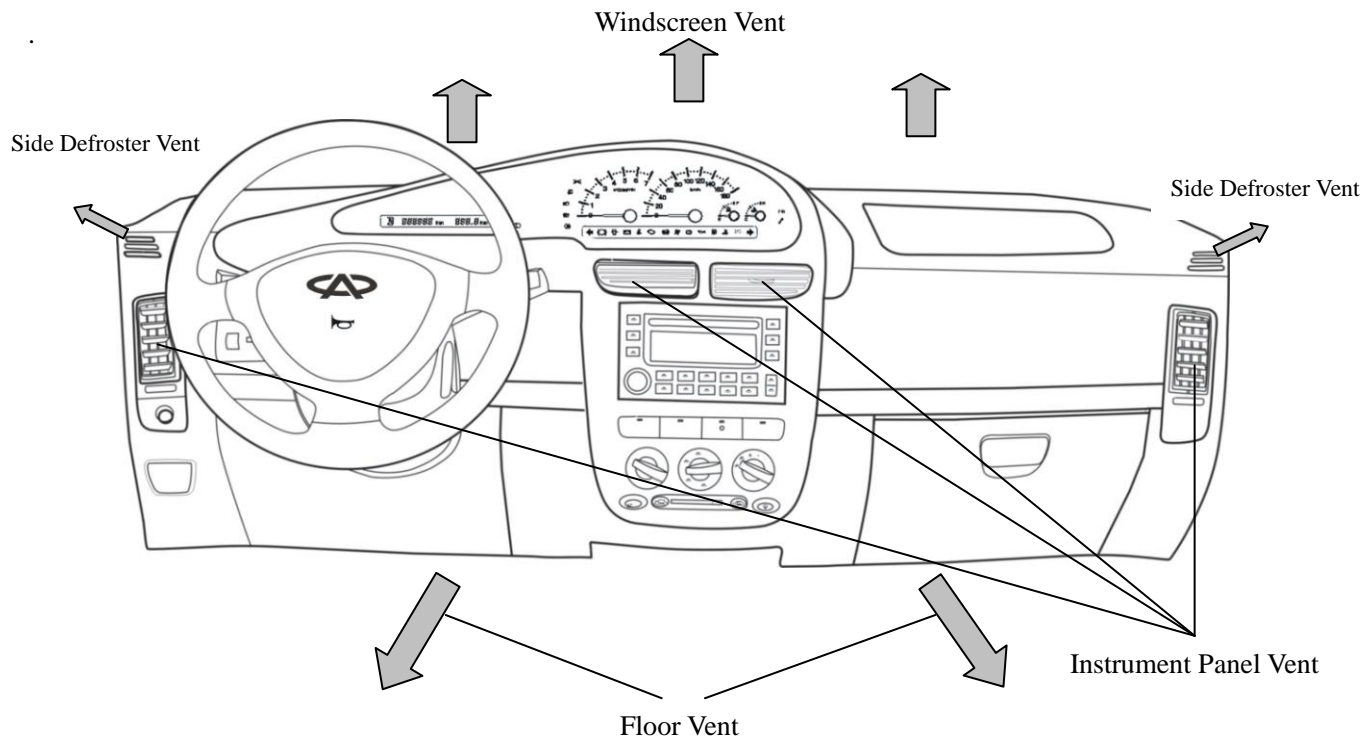
Air Conditioner System



VENTILATION

The outside air enters the vehicle via the air intake in the front of windscreen. Please keep the air intake located under the window glass free of snow cover, tree leaves, and other foreign materials to ensure that the heating and ventilating parts can normally and effectively operate.

Ventilation and A/C System



Ventilation and A/C System

Central vent

The conditioned air flows into the interior of vehicle via two central vents.

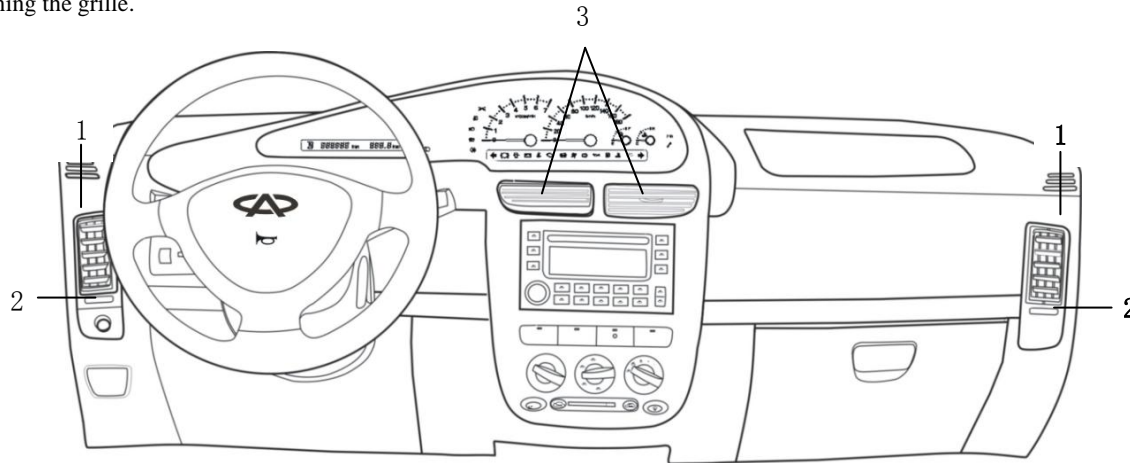
The direction of airflow can be changed by turning the grille.

Side vent

The conditioned air flows into the interior of vehicle via two side vents.

Front windscreen defroster vent

The cold or hot air is guided to the side windows via this vents (controlled in the range of exterior rear-view mirror)



1. Front Window Defroster Vent 2. Side Vent 3. Central Vent

Ventilation and A/C System

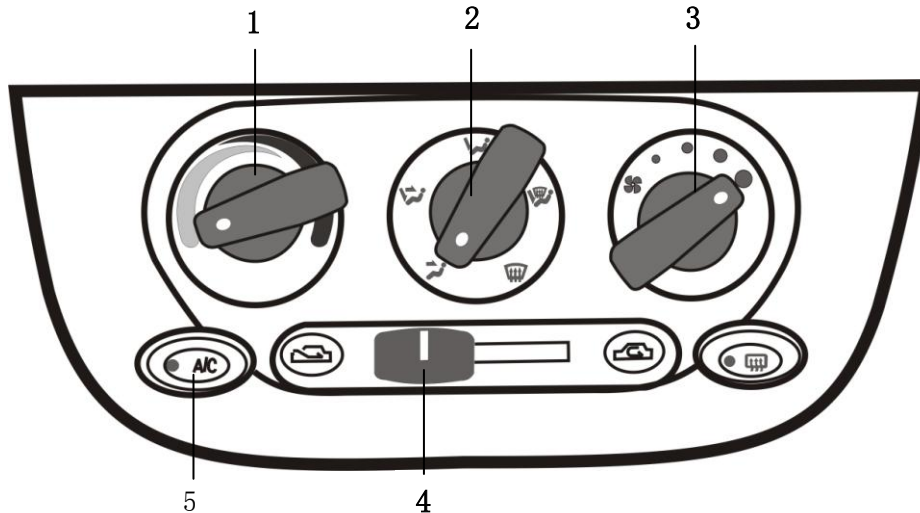
Ventilation and warm air

Control Panel

1. Temperature control knob
2. Air flow distribution knob
3. Blower knob
4. Inner/Outer air circulation control lever
5. A/C Switch

The A/C system mixes the cold air with hot air to adjust the temperature which is kept constant at any speed of vehicle.

The velocity of air flow depends on the blower. Turn on the blower during driving, if necessary.



Ventilation and A/C System

Temperature control knob

The temperature control knob is used to control the temperature of air which flows out via the vent.

Blue position: cold air

Red position: heating



Blower knob

The blower knob is used to control the

speed of blower (4 positions in total). The velocity of wind is adjusted by the blower. To improve the comfortability, turn on the blower during driving.



Inner/Outer air circulation control lever

It is applied to select the exterior fresh air or interior circulating air.

Outer circulation mode ()

The exterior air enters into the interior of

vehicle.

It is applicable for the normal ventilation, heating and cooling.

Inner circulation mode ()

The interior air circulates within the interior of vehicle. In the dusty environment, or to avoid that the exterior waste gas enters into the interior of vehicle, and to rapidly cool or heat the interior air, this mode applies..



!NOTICE:

The continuous use of the inner circulation mode will make the interior sultry and the window glass frosting. So, the inner circulation mode is in service only for a short time.

Ventilation and A/C System

Air flow distribution knob

This knob is used to select the direction of air flow.

This knob has the following five positions:




Head

Head and foot

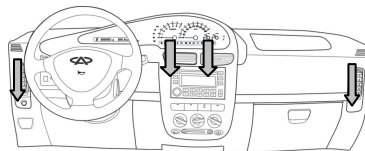
Foot


Foot defrosting

Defrosting

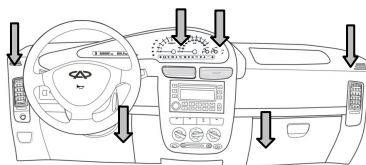
“Head” position ()

The air flows out from the central and side vents.



“Head and foot” position ()


The air flows out from the central vents and the lower discharge ports of the front seats..



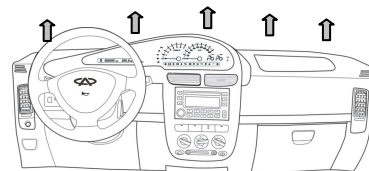
“Foot” position ()


The air mainly flows out from the lower discharge ports of front seats.



“Foot defrosting” position ()

The air flows out from the lower discharge ports of front seats, windscreen defroster vents and front window defroster vents

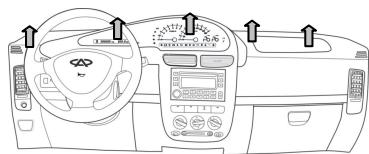


“Defrosting” position ()

The air flows out via the windscreen

Ventilation and A/C System

defroster vents and front window defroster vents.



A/C system

A control system consists of ventilation, heating and cooling parts. This system can provide a maximum comfortability no matter what the weather is.

The refrigeration unit of the A/C system cools the air and removes the moisture and dust, such as flower powder, etc.

A/C switch

This switch is used to turn on/off the compressor of the A/C system.

Start the engine, turn the blower knob to the appropriate wind velocity, and then turn on the A/C switch to activate the air conditioner. After the air conditioner turns on, the indicator lights. Press the A/C switch again to turn off the air conditioner. When the blower knob is in "OFF" position, the compressor of A/C system doesn't work.



! NOTICE:

When the vehicle climbs a long slope or the traffic is busy, turning on the air

conditioner will make the engine hot. Observe the water temperature gauge, and turn off the air conditioner if the engine is overheat.


Forced cooling

In the hot weather, if the vehicle is exposed to the sunshine for a long time, open the window for a short time to make the interior hot air discharge rapidly.

A/C switch: ON

Inner/Outer circulation control lever:



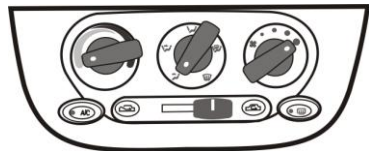
Air flow distribution knob: ()

Temperature control knob: Turn it to the end in the anticlockwise direction

(Blue)


Blower knob: Max Speed



Ventilation and A/C System



It is normal cooling when the vehicle travels for a long distance and travels at high speed.

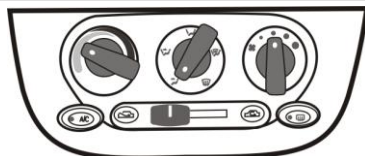
A/C switch: ON

Inner/Outer circulation control lever: ()

Air flow distribution knob: () or ()

Temperature control knob: Blue


Blower knob: Optional




Head and foot

It is used to the transition period, such as exterior temperature low, no sunshine. When adjusting the temperature control knob between the cold (blue) and hot (red), the hot air flows into the lower area of the vehicle while the cold and normal air flows into the upper space of the interior.

A/C SWITCH: ON or OFF

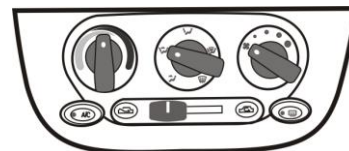
Inner/Outer circulation control lever: ()

Air flow distribution knob: ()

Temperature control knob:

Between the blue (cold) and red (hot).


Blower knob: Optional





Ventilation

The exterior air flows into the interior of vehicle via the central and side vents

A/C SWITCH: OFF

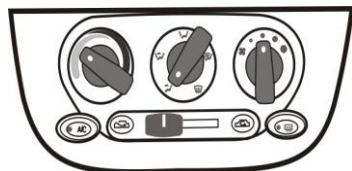
Inner/Outer circulation control lever: ()

Air flow distribution knob: () or ()

Temperature control knob: Blue

Blower knob: Optional

Ventilation and A/C System




Forced heating

A/C SWITCH: OFF

Inner/Outer circulation control lever:



Air flow distribution knob: ()

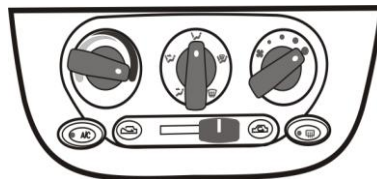
Temperature control knob: Turn it to the end in the clockwise direction

Blower knob: Max Speed

!NOTICE:

DO NOT use the “foced heating” for a long time so as to avoid that the interior air deteriorates and the window frosts. If

the window frosts or becomes wet, turn off the inner circulation switch. The “forced heating” is applied only to rapidly increase temperature, and then returns back to the “normal heating” ASAP.





Normal heating

A/C SWITCH: OFF

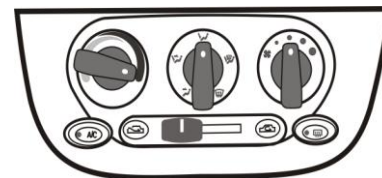
Inner/Outer circulation control lever:



Air flow distribution knob: () or ()

Temperature control knob: Red

Blower knob: Optional





Defrosting

A/C SWITCH: OFF or ON

Inner/Outer circulation control lever:

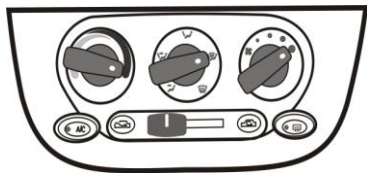


Air flow distribution knob: () or ()

Temperature control knob: Red

Blower knob: Optional

Ventilation and A/C System



! NOTICE:

Turning on the air conditioner can improve the defrosting efficiency. In case of cooling, if it is a very rainy weather,


DO NOT use () or () position,

otherwise it may result the difference of temperature between the exterior air and windscreen to make the internal surface of windscreen frosting and affect the eye reach.

Defrosting

A/C SWITCH: ON (pressed down), the working indicator lights.

Inner/Outer circulation control lever:

Outer circulation ()



Air flow distribution knob: ()

Temperature control knob: in the red area

Blower knob: Appropriate position

NOTICE: (1) Rinsing the inner surface of window glass with the cleaning agent is an effective method to avoid the frosting. Dip the agent with the absorbent cotton or soft cloth, and apply it on the internal side of front/rear windscreen (including the windscreen at the rear-view mirror). After drying, utilize the soft dry cloth to clean the fiber remained on the windscreens during applying.

(2) In case of cooling, if it is a very rainy

weather, DO NOT use () or ()

position, otherwise it may result the difference of temperature between the

exterior air and windscreen to make the internal surface of windscreen frosting and affect the eye reach.

Operation prompt on cooling system

If the vehicle is directly under sunshine, open the window before the air conditioner turns on.

In the rainy day, clean the window, and turn on the air conditioner to reduce the interior temperature which is effective in both rainy and high temperature weather.

When driving in a busy traffic area, the frequently parking and driving at low speed may make the cooling system not fully work.

If the A/C system hasn't been used for a month or

Ventilation and A/C System

more, operate the engine at the idle speed and turn on the air conditioner even in winter, at least once every month. with duration of several minutes so as to keep the appropriate lubrication and sealability of engine and extend the service life of the system.

After the blower knob is in OFF position, the compressor of the A/C system doesn't operate.

Chapter 6 Door Lock & Theft Prevention

Door Lock & Theft Prevention

Door Lock &

Theft

Prevention

Key

The two keys equipped are applicable for all lock holes on the vehicle, one of which is used as a spare key. The key code plate is attached to the cover of number plate. For the sake of the safety

of vehicle, DO NOT leave the key code plate in the interior of your vehicle. The code plate shall be placed in a safety location, and its code is recorded. Please DO NOT place the code record into the interior to avoid that the unauthorized person gets the code and then duplicate the key.



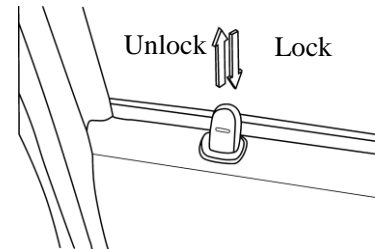
1. DO NOT leave the key in the vehicle.
2. Lock your vehicle.
3. Carry the key with you.

Door lock

Unlock or lock the front doors with the key attached with the vehicle when you stands in the extrior of vehicle. Turn the key in the anticlockwise direction to open the door while turn the key in the clockwise direction to close the dooro.



Before leaving the vehicle, please lock all doors and luggage boot lid in case of unattended condition..



The door lock pushbutton located at the edge of window can be used to lock or unlock the door when you are sitting in the interior of vehicle.

Apart from the left front door, all doors can be locked at the exterior by applying such the operation as pressing the door lock pushbutton and then

Door Lock & Theft Prevention

closing the door.

When leaving your vehicle, lock the left front door from the exterior of the vehicle with the key only.

The front door can be locked/unlocked by using the key from the exterior. The door also can be unlocked by using door handle from the interior of the vehicle.

To lock the rear doors, turn forwards



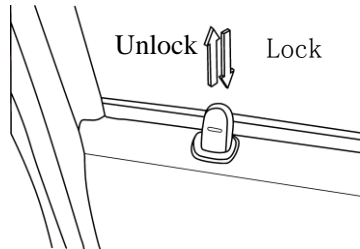
Before leaving the vehicle, please lock left front door in case of unattended condition..

the safety switch and close the doors while you leave your vehicle. However, for the safety consideration, it is the best to lock the door with a remote

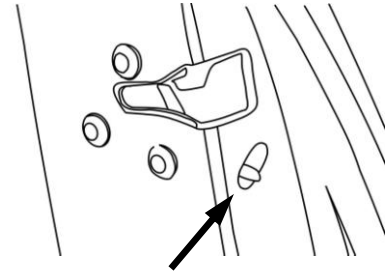
controller while you leave your vehicle.

Central door lock (*)

The central door lock is controlled by the driver-side door (left front door). When the driver-side door (left front door) is unlocked or locked with a key or door lock pushbutton, all doors can be unlocked or locked at the same time.



Child lock



Child Lock

Any rear door of a vehicle is equipped with a child lock which can prevent the rear passenger(s), especially child from opening the rear door at the interior by accident with a door inner handle on the door.

Press downwards the metal lock tongue under any rear door lock. In this case,

Door Lock & Theft Prevention

this door can't be opened when you are sitting in the interior, and the door inner handle is also secured to the fastening position, i.e., the child lock is locked up, the door can't be opened with the door inner handle.

Pull upwards the rear door child lock switch and then activate the child lock. In this case, the rear door can be opened from the exterior of vehicle only. Pull downwards the rear door child lock switch, and then deactivate the child lock function.

The unlocking position of the child lock is shown in the figure above. Pull upwards the child lock control lever, and then activate the child lock. The child locks are secured to the two rear

doors only.

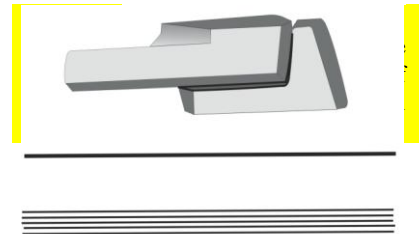
Open the trunk lid

Insert the key into the key hole, and turn the key in the clockwise direction to open the trunk lid (i.e., luggage boot lid). Lay down and forcefully push the trunk lid to reliably close and lock the lid



In the hot weather, the interior temperature rises quickly after the engine stop operating. If the human being or animals is in the high-temperature environment, although the time is very short, they also may be injured and even die (including the brain die). The infant is especially dangerous. Thus, you shall check your vehicle before locking the doors, and do not leave the infant or animal in your vehicle.

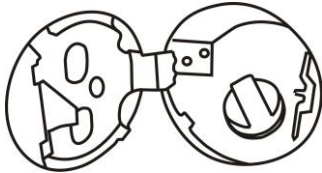
Fuel filler cap release lever



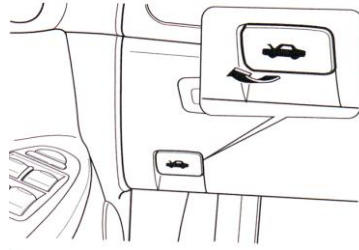
Door Lock & Theft Prevention

Open the engine hood

Pull up the release lever at the left side of driver's seat to open fuel tank refiller cap.



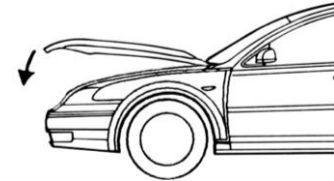
As shown in the figure above, the tank cap screwed off can be put on the fuel filler cap.



1. The pull handle of engine hood is located at the lower left of instrument panel. Pull backwards the lever to make the engine hood bounce a little.
2. Get to front of the vehicle and insert your hand through the lower front of the engine hood and touch the pull bar of the engine hood, push upwards the

pull bar, and pull upwards engine hood at the same time. Pull up the release handle to unlock the engine hood lock.

3. Lift up the engine hood, and then support it with the support bar.
4. While closing the engine hood, lower it to a position 20-30 cm away from the engine hood lock, and then fall the hood down into the latch. In this case, the engine hood closes.



5. After the engine hood closes, the

Door Lock & Theft Prevention

engine hood must be lift upwards to determine whether the engine hood lock is fully engaged.

Remote keyless system with anti-theft function (*)

The purpose of this system is to prevent an unauthorized person from unlocking the doors, trunk lid and engine hood.




If any door, engine hood and trunk boot lid are fully closed, pressing down the LOCK button on the remote controller can't get the anti-theft state.


No access to the anti-theft system is accompanied by the following instances:

- ① The left and right turn signal lamps flash twice in succession.
- c The anti-theft indicator lamp doesn't light.

The remote controller covers approx. 6 m. If the distance between the vehicle and the remote controller is beyond this value, the remote controller cannot operate properly.

Locking and unlocking of a door

When pressing the LOCK button  on the remote controller once, all doors are locked, and the turn signal lamp flashes once at the same time. And then the theft prevention is activated.

When pressing the UNLOCK button  on the remote controller once, all doors are unlocked, and the turn signal lamp continuously flashes twice at the same time, and then the anti-theft system is deactivated.





If the frequency of your remote controller is disturbed, you cannot unlock the locks, and then you can lock/unlock them directly by using key. Other short-range radiomitters (such as amateur radio station, medical equipment, radio earphone, other remote controllers, alarm system etc.) may also use the working frequency of your remote controller.

WARNING:

If any unauthorized person has an



If the  or  button on the remote controller is pressed down by accident (it is unnecessary to make the key directly face to the vehicle. For example, the key is in your pocket), the door will open..

attempt to forcibly open the door, trunk boot or engine hood, the left/right turn signal lamp will continuously flash for

28 s.

Replace the battery of remote controller

If the coverage of remote controller reduces gradually, replace the battery (battery type: 3V CR 2032).

The battery is replaced according to the following procedures:

1. Open the remote controller unit from the side fastener with a flat head tools.
2. Carefully unclench and take off the battery. Install a new battery on the position between two contacts with the symbol (+) facing upward.
3. Reinstall the remote controller



The anti-theft system can enter into the anti-theft state only while all the doors, engine hood and trunk lid fully close. After the body is in the normal anti-theft mode, ① four doors are locked; ② the anti-theft indicator light in the front of instrument panel continuously flash.

unit in the reverse order of removal.

The lithium battery can't be disposed as the common domestic waste. Please dispose the used battery in accordance with the regulations on environmental protection.

Electronic anti-theft system

The electronic anti-theft system is directly engine-oriented, which considerably improves the complete

safety of vehicle theft prevention.

The chip, built in each key, integrates the key, electronic anti-theft equipment and engine computer into one entity, which forms an active theft preventive system. If one person has made one key matching with the vehicle key in the



After the key is opened, the chip in it cannot be thrown away; otherwise the engine cannot be started.

shape without the permission of the owner while this key has no chip containing information the same as the anti-theft equipment and engine computer, the engine cannot be started by using this key, which reduce probability of the vehicle loss.

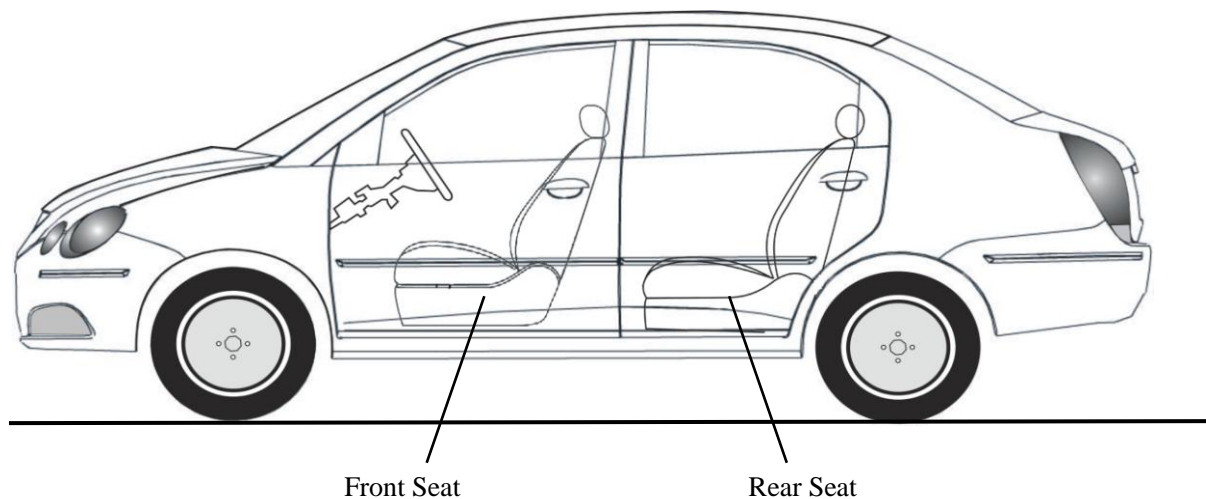
In the event that you have lost your

Door Lock & Theft Prevention

vehicle key by accident, you shall go to the CHERY Authorized Service Station A.S.A.P. to make a new key matchable with your vehicle key. The Service Station has the special electronic equipment which can be used to make a new key for your vehicle and invalidate your lost key.

Chapter 7 Seat and Safety Protection

Seat and Safety Protection



Seat and Safety Protection

Seat



Correct sitting posture

The seats, head restraints, seat belts and airbags all are helpful to protect the passengers. If you make the best of them, they would provide you with much more protection. Thus, please stand to the following:

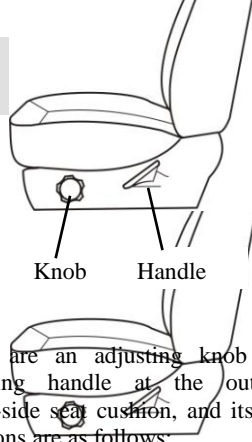
- Use the erect sitting posture. The lower part of back is backward as soon as possible, and the inclination of the back of seat shall not be more than 25 degrees.
- Properly adjust the head restraint to make the top of head restraint flush with the upper part of your head.
- DO NOT make the front seat close excessively to the instrument panel. The driver shall hold the steering wheel with the slightly-bent arms

when driving, and his/her legs also shall bend slightly so that he/she can step on the pedal to its extreme.

- The shoulder belt shall go through the center of your outside shoulder, hug closely and cross slantways through your chest. Do not make the belt cross through your neck. The waist belt shall hug closely and cross through your hip other than your stomach.

Adjustement of driver-side seat

Seat and Safety Protection



There are an adjusting knob and an adjusting handle at the outside of driver-side seat cushion, and its specific functions are as follows:

Knob: suitable for adjusting the lifting of seat cushion.

- Turn the knob by hand in the clockwise direction to lift up the cushion while turn the knob in the anticlockwise direction to fall down the cushion.

Handle: applicable to adjust the inclination angle of seat backrest.

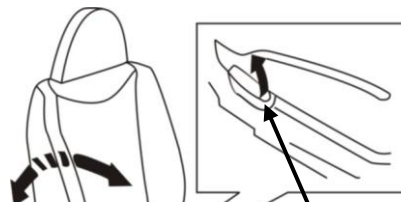
- Pull upwards the handle to change the inclination angle of seat

backrest. Adjust the backrest to the your desired angle, and then place down the handle seat to secure the seat backrest.

Adjustment of front passenger-side seat

Adjust the inclination angle of front seat backrest

Please enable your body to contact the seat backrest, and then pull the adjusting handle of right backrest of the seat. Change the inclination angle of your body to adjust the backrest to your desired angle. (The adjusting handle of driver's seat backrest is located at the left side of seat.)



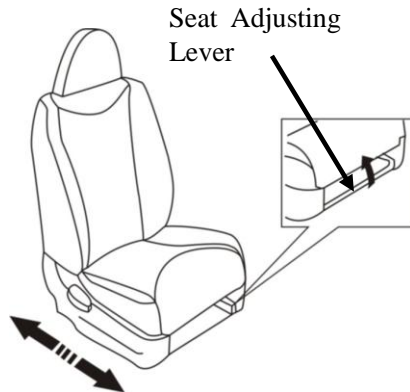
If the seat is adjusted during driving, it may result that the vehicle is out of control. So, the seat can be adjusted only when the vehicle stops.

Adjust the forward and backward sliding of seat

As shown in the figure below, pull upwards the adjusting lever located at the outside front edge of seat to move the

Seat and Safety Protection

seat forwards and backwards. After the seat is adjusted to its proper position, release the adjusting lever, and then swing forwards and backwards the seat to confirm whether the seat is fastened to the slide rail.

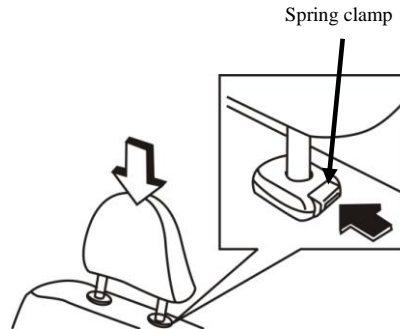


Head restraint

The head restraint can restrict your head movement to protect your cervical

vertebrae if your vehicle is impacted by the other vehicle during driving. However, the head restraint can be able to protect you only when it is adjusted to a correct position.

Front head restraint



There are some height-adjustable head restraints installed on the backrests of front seats. The occupant shall adjust the head restraints of seats to the proper

height according to her/his body height so that the head restraints can effectively protect you.

Method to adjust the head restraint:

Press and keep the spring clamp, and pull upwards or push downwards the head restraint to its proper position;

The optimal height of a head restraint is to make its top flush with the top of your head.

Method to disassembly/reassemble the head restraint:

When the head restraint is disassembled, press the spring clamp located at the outside of head restraint's guide member by hand, and, at the same time, pull out the head restraint from the guide member;

Seat and Safety Protection

when the head restraint is reassembled, the head restraint of front/rear seat shall be differentiated firstly (the head restraint of front seat is big while the head restraint of rear seat is small), and then push the pin of head restraint into the guide member until the spring clamp on the guide member engages with the pin properly.

Rear head restraint

The adjustment method of rear head restraint is the same as that of front head restraint.

Rear seat

Fold the rear seat



Pull upwards the “ring-pull” shown in

the figure, and then fold the rear backrest in the direction of arrow as shown in the figure.

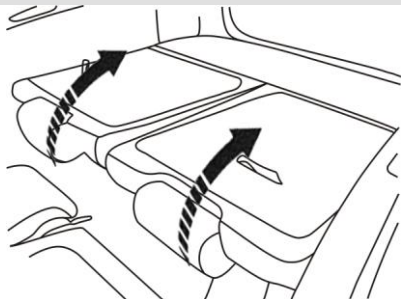
Return the rear seat

Lift up the seat backrest in the direction as shown in the figure. DO NOT apply too big force so as to avoid the damage of angle regulator of seat backrest.



CAUTION: DO NOT remove the head restraint or adjust it too low for fear that your neck is injured due to the shortage of supporting your head when an impact accident occurs. The head restrain shall be adjusted to its proper position.

Seat and Safety Protection



The driver and passenger sitting in the front seats shall wear the seat belts when driving. Avoid to put on too loose clothes. To get the best protection effect, the seat belt shall be tightly contact your body.

Deliver the luggage

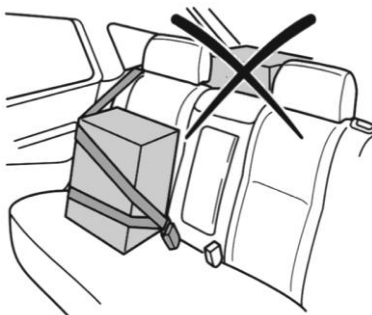
Fold the rear seat to make the rear of vehicle have space enough to store the luggage.



If the goods must be placed in

CAUTION: In case that the luggage and other goods are piled up, its height shall not exceed the height of front seat.

DO NOT sit on the back of folded seat during the vehicle is travelling. When the vehicle suddenly stops or a traffic accident occurs, the luggage unbound on the back of folded seat or the passenger without any protection device may impact all-round in the interior or is thrown out to the exterior. It may result serious injury or death.



Seat belt

The seat belts/child safety seats must be applied at any moment. DO NOT share one seat belt with two or more persons at the same time. Make sure that the belt is fastened well, without looseness, distortion, and barrier.

Seat belt warning light



The warning light shall light when the



The luggage and other loaded goods shall be placed in the front part of boot as soon as possible. It is very dangerous that the vehicle is running under the condition of the tail door open. In the case, the excessive exhaust gas will be inhaled into the vehicle through the tail door opened.

Seat and Safety Protection

Maintenance of seat belt

Seat belt check

ignition switch turns on. The light will keep lighting to remind that the passengers shall wear their seat belts. This light extinguishes after wearing the driver-side seat belt.

Fasten the seat belt

Pull out the belt smoothly and steadily. The belt may be locked if the pulling force is too large or the vehicle is in a slope. The seat belt shall be placed on the center of your outside shoulder. The waist part of the belt shall adhere to your hip tightly other than your stomach.

To release the seat belt, press the red button on the belt buckle and smoothly retract the belt.

Make sure that each seat belt is equipped with a proper belt buckle.

Two-point seat belt at the center of rear seat



The length of this seat belt can't be adjusted automatically. During the use of the belt, insert the tongue plate into the clamp until you hear the click sound, and then manually adjust its length to make the belt tightly contact your hip.

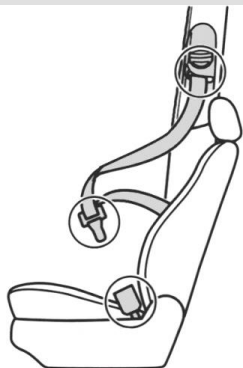


Insert the tongue plate into the belt buckle until you can hear the click sound. Otherwise the seat belt is improperly locked.



If it is difficult to pull out the belt, please pull it once by force and then release it. To do so, the seat belt can be smoothly pulled out.

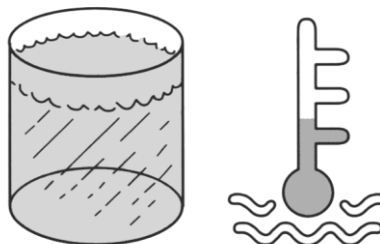
Seat and Safety Protection



Regularly check whether the seat belt is damaged or worn or not.

The belt stretched (e.g. after a traffic accident) shall be replaced immediately by the CHERY Authorized Service Station and the relevant parts shall be checked.

Clean the seat belt



Use the interior cleaning agent or fresh warm water to clean the seat belt and make it dry naturally. DO NOT employ the manual heating method to dry the belt.

Airbag (✱)

Employ the airbag together with the safety belt to help reduce the possibility of the serious injured in the major impact accidents.



Please DO NOT try to repair or lubricate the retractor for seat belt or the belt buckle mechanism. Please do not amend the safety belt by any means, otherwise any problem caused hereto is without warranty provided by CHERY Automobile Co., Ltd.

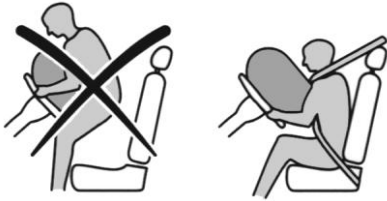
CAUTION:

The airbag will give out some loud sounds when air charging. In addition, there are also some harmless smoke-like powder residues. The both are the normal phenomena.



Please DO NOT use the chemical cleaning agent, boiling water, bleaching agent or coloring agent to clean the seat belt. Please DO NOT make the water penetrate into the retractor mechanism of the seat belt.

Seat and Safety Protection

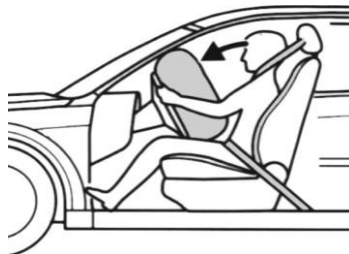


The passenger in the front seat can be effectively protected only when he/she take an erect sitting posture A.S.A.P.

Front airbag



The seat and backrest shall be positioned correctly to work together with the airbag to get the best protection effect. Use the erect sitting posture and make the lower part of your back adhere to the seat backrest tightly as soon as possible, which the caster angle of the backrest shall not be more than 25 degrees. Please do not make the front seat close to the instrument panel excessively. You shall grasp the steering wheel with slightly bent arms during driving. This is an ideal drive posture, which helps to reduce the possibility of the driver injured when the airbag swells up



The severe frontal impact (on the front of axle center or within the range of left and right 25 degrees departure from the center) will create the explosion of airbag.



Fasten the belt at any moment and keep a proper distance away from the Very Dangerous! Take care not to apply the rear-facing child seat on the seat equipped with the front airbag!

Within the one several thousandth of a second after an impact occurs, the airbag charges and swells up. It will discharge and damp the frontward movement of a passenger when it touches the body of the passenger. For the slight impact, rollover and rear/side impact, the front

Seat and Safety Protection

airbag will not explode.

Airbag warning light



When the ignition switch is turned to the ON position, the indicator light on the instrument panel lights and then extinguishes after approximate 3-4 s to indicate that this system can be operated.

If the indicator light doesn't light, or if it keeps intermittent or continuous lighting during driving, it indicates that a trouble occurs. For the sake of your safety, please get to the CHERY Authorized Service Station to check your vehicle

It is recommended by the manufacturer

of airbag installed on the vehicle that the airbag shall be replaced after the use of 10 years. Up to that time, both the efficiency of aerating agent and the performance of airbag have deteriorated.

If you do not know the service life of your vehicle/airbag, you can contact the CHERY Authorized Service Station to inquire the relevant detailed data.

Child safety seat

Please carefully read and follow the manufacturer's instructions before the child safety seat is installed.



Very Dangerous! Take care not to apply the rear-facing child seat for the seat with the front airbag! When the front seat has to use a child safety seat, for the vehicle with the PAB lockup function, the PAB switch shall be turned to OFF position so as to make the front passenger side airbag out of service. (Refer to *Operation & Adjustment of Interior Devices* of this manual.)

The airbag system shall be handled only by the CHERY Authorized Service Station.



Please DO NOT hold the child on your lap during the vehicle is travelling.

Seat and Safety Protection

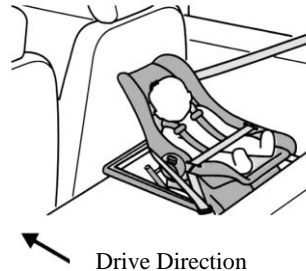
For the child whose age is less than 12 years or whose height is below 150 cm, a special child safety seat (such as infant seat, child safety seat or heightened cushion and etc.) must be applied and carefully secured.

The child safety seat must be applicable and approved by the government.

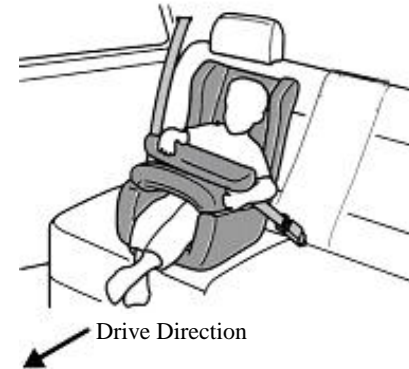
This kind of safety seat is used together with the seat belt to help us provide the utmost safety for our children.

- The infant whose weight is less than 10 kg or whose age is below one year shall be placed in the infant bed of rear seat so as to make the infant take a horizontal position in the bed and to constraint or secure the infant. The best protection method for the infant is to use the rear-facing infant safety

seat on the rear seat.



- The little child whose age is below 4 years and whose weight is between 10 to 18 kg shall sit in the child safety seat on the rear seat of the vehicle.



- The 4 to 12 years old or 18 to 36 kg child shall sit on the rear seat with the heightened cushion. The adjustable auxiliary safety belt fixed on the heightened cushion can

Seat and Safety Protection

be able to ensure that the diagonal belt crosses the shoulder properly. The heightened seat position can ensure that the adult seat belt is correctly led to go across the center of shoulder other than the neck, and the waist safety belt tightly contact the lap other than the stomach.



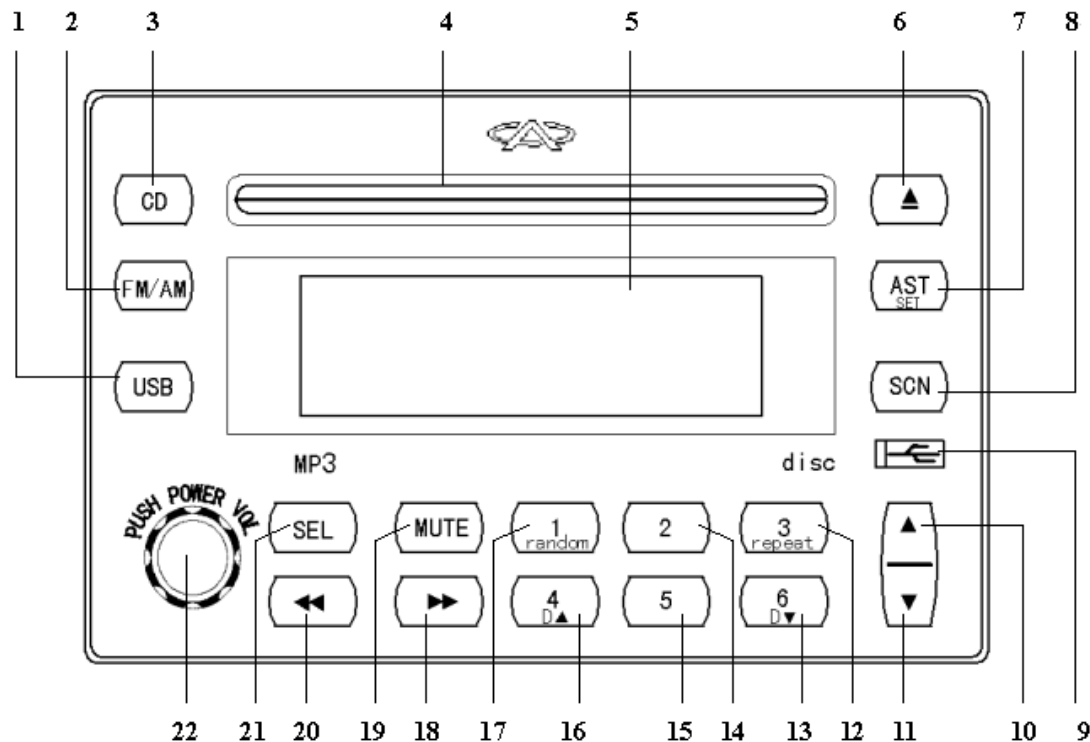
Any a safety seat is limited to a infant.

Based on the provisions of road traffic safety laws, it is absolutely prohibited that children sit on the front seat. The safety seats applicable shall be available for children.

Chapter 8 Audio System

NOTICE: If this vehicle is equipped with the audio systems which are NOT indicated below, please carefully read the audio instruction manual accompanied with the vehicle.

CD Panel (✱)



Panel Description

- | | |
|--|---|
| 1. USB sound module (switch sound module) button | 12. Preset button 3 (Radio) |
| 2. FM/AM(Radio FM/AM band switch) button | REPEAT button |
| 3. CD(CD play selection) button | 13. Preset button 6 (Radio) /DISC select the previous disc (CD Cartridge) |
| 4. CD entrance | 14. Preset button 2 (Radio) |
| 5. LCD display | 15. Preset button 5 (Radio) |
| 6. Exit button | 16. Preset button 4 (Radio) /DISC select the next disc (CD Cartridge) |
| 7. AST (Automatic Storage) button | 17. Preset button 1 (Radio) / RANDOM button |
| SET (press it for above 2 s to set) button | 18. High frequency search (radio)/Fast forward/Play (CD play) |
| 8. SCN (Radio frequency/CD play track scan) button | 19. MUTE button |
| 9. USB data interface | 20. Low frequency search (radio)/Fast Backward/Play (CD play) |
| 10. Search next (CD play) | 21. SEL (Sound Effect Mode Selection) button |
| 11. Search previous (CD play) | 22. Power Switch/Volume (Knob) Button |

Method of Operation

Basic Operation

NOTICE:

Please refer to the front view in the Section “Description” to read this chapter.

WARNING:

Please decrease the volume of sound prior to turn off the ignition key or the main power supply. This machine can memory the final setting value of volume prior to shut down the machine. If the volume is very high prior to shut down the machine, the sudden high volume may hurt your ear or damage your machine when you startup the machine again.


Turn ON or OFF power supply

NOTICE:

If the engine of the vehicle doesn't start up, you shall take care of the long time operation of this machine, because the vehicle will fail to start up if the battery wears out, what's more, the service light of the battery may shorten due to the long time operation of this machine.

Press the POWER button to turn on/off the machine.

Select the mode

1. Press the FM/AM button to select the required band.
2. Press the CD button to select the CD play mode.
3. Press the USB button to select the USB sound module play mode (after connecting the ).

Adjust the volume

Turn the knob in the clockwise direction to increase the volume; and turn the knob in the anticlockwise direction to decrease the volume.

-Please ensure that you still can hear the traffic signals (whistle, alarm,.....).

NOTICE:

This machine can automatically adjust the volume after POWER ON:

1. When the volume exceeds 12, automatically adjust the volume to 11 after the next power ON of the machine.
2. When the volume is below 12, keep the volume constant after the next power ON of the machine.
3. When the volume is 0, automatically adjust the volume to 12 after the next power ON of the machine.

Adjust the bass

1. Press the SEL button to select the “BASS”.
2. Turn this button in the clockwise direction to increase the bass; and turn the button in the anticlockwise direction to decrease the bass.

*Its value is set as “0” prior to leaving factory.

The range of adjustment: -7 to +7.

3. After the completion of adjustment, press the SEL button for a long time to fulfill the setting.

Adjust the treble

1. Press the SEL button to select the “TREB”.
2. Turn this button in the clockwise direction to increase the treble; and turn the button in the anticlockwise direction to decrease the treble.

*Its value is set as “0” prior to leaving factory.

The range of adjustment: -7 to +7.

3. After the completion of adjustment, press the SEL button for a long time to fulfill the setting.

Adjust the balance

1. Press the SEL button to select the “BAL”.
2. Turn this button in the clockwise direction to increase the volume of right speaker; and turn the button in the anticlockwise direction to increase the volume of left speaker.

*Its value is set as “0” prior to leaving factory.

3. After the completion of adjustment, press the SEL button for a long time to fulfill the setting.

Adjust the fade

1. Press the SEL button to select the “FAD”.
2. Turn this button in the clockwise direction to increase the volume of front speaker; and turn the button in the anticlockwise direction to increase the volume of rear speaker.

*Its value is set as “0” prior to leaving factory.

3. After the completion of adjustment, press the SEL button for a long time to fulfill the setting.

Loudness function

The loudness effect adds the woofer and bass to create the natural tone. This function is automatic.

Method to Operate the Radio

Tune into broadcasting

1. Press the FM/AM button to select the Radio mode.
2. Press the FM/AM button to select band, and when you press the FM/AM button, the button will convert according to the following sequence:

FM→FM1→FM2→AM→FM....

3. Press the button ◀ or ▶ to tune the radio to find out your required radio station.

Frequency scanning

The frequency scanning function enables you to listen to the first 10 seconds of program of each current band of local radio station.

- Press the SCN button to open/close the frequency scanning function.

Automatic search

- Press the button ◀ to tune into the lower-frequency radio station.
- Press the button ▶ to tune into the higher-frequency radio station.
- Press the button ◀ or ▶ again to search another radio station

Station Search sensitivity (for FM band only)

- The Local/Remote mode switch is available. The specific method of operation is as follows:
 1. Press the button SET for at least 2 seconds to enter the SETUP menu.
 2. Press the button or to select the SRCH option that you want to change.
 3. Press the button SET to change the setting LO/DX.
 4. Press the button SET for at least 2 seconds to exit the SETUP menu.

Manual tuning

Please switch to the manual tuning mode, which the specific method of operation is as follows:

1. Press the button SET for at least 2 seconds to enter the SETUP menu.
 2. Press the button or to select the TUN option that you want to change.
 3. Press the button SET to change the setting AUTO/MAN, and set to MAN.
 4. Press the button SET for at least 2 seconds to exit the SETUP menu.
- Press the button ◀◀ to tune into the lower-frequency radio station.

- Press the button ► to tune into the higher-frequency radio station.

Automatic storing (AST)

You can store 6 powerful FM radio stations in the FM AST band or store 6 radio stations in the MW (AM) AST band. When you use the automatic storing function, the radio stations that are originally stored in the FM AST or MW (AM) AST band will be covered.

- Press the button AST to enter the automatic storing mode, subsequently,
 - the machine give out a sound of “Hua”, and then mute, the display starts to flash.
 - after the completion of storage, you will hear a sound of “Hua” again, and the display stops flashing.
 - The stations are stored in the Preset button 1 through 6.
 - Sometimes, it is possible that the stations available are less than 6 radio stations.

Preset and store

Use the preset buttons 1 through 6 to store 6 radio stations in each band.

- Tune to the required radio station.
- Press the required Preset button for at least 2 seconds and hear a sound of “Hua”, it indicates you can store the current radio station into the preset button.

Method to operate the CD player

CD play

- Make the disk enter the CD entrance, and there is the word “LOAD” in the display of the machine, and then the machine begins to play.
- Screen display:
 - Sound effect mode (if selected)
 - CD play symbol
 - Current track number, time elapses.

Track scanning

The track scanning function enables you to listen to the first 10 seconds of contents of each track.

- Press the button SCN to enter the track scanning mode
 - Press the button SCN again to exit the track scanning mode.

Previous/Next play

- Press the button or to select the next/previous track.
= to next track

= to previous track

-- Start to play the track after the completion of selection.

Fast Backward/Forward

- Press the button ◀◀ or ▶▶ to fast backward or fast forward the selected track.
- Press this button again to make the machine return to the normal play mode.

Random play

- Press the RANDOM button to enter the random play mode.
- Press the button to exit the random play mode.

Repeat play

- Press the REPEAT button to enter the repeat play current track mode.
- Press the button again to exit the repeat play mode.

Eject disc

Press the EJECT button to exit the disc.


CD maintenance

- Please don't leave your finger mark on a disc.

Emergency Assistance

- After a disk ejects from the machine, please place it into the CD box to prevent from damaging or foreign particles.
- Please avoid CD heating or exposing to long period of direct sunshine.

Method to Operate the MP3(USB) Player

Connect the moveable storage device which stores the mp3 music to the  interface, and press the USB button to enter the MP3 play mode.

Track scanning

The track scanning function can search and play the first 10 seconds of contents of all music on this disc.

- Press the SCN button to enter the track scanning.
 - Press the button SCN again to stop the track scanning.

Previous/Next track

- Press the button or to select the previous/next track.

= To the next track

= To the previous track

-- It starts to play the track after the completion of selection.

Fast Backward/Forward

- Press the button ◀◀ or ▶▶ to fast backward or fast forward the selected track.
-- Press this button again to make the machine return to the normal play mode.

Random play

- Press the RANDOM button to enter the random play mode.
-- Press the button to exit the random play mode.

Repeat play

- Press the REPEAT button to enter the repeat play current track mode.
-- Press the button again to exit the repeat play mode.

Exit the mp3 play

Press the USB button to switch to the original play mode.

Chapter 9 Emergency Assistance

Emergency

Assistance

Hazard warning flasher



The hazard warning flasher is applied only under the emergency condition to warn the coming and following

vehicles that your vehicle goes wrong or the approach to your vehicle is dangerous. Press this switch to turn on or off the flasher. The flasher can still operate even when the ignition switch turns off.

Partial operation function

The control system of the vehicle's engine has the partial operation function. The engine can still operate when the system fails. However, the performance of the engine may decline.

Refuel in time

When the fuel level reaches the extremely low value, the engine will



If the fuel gauge has indicated that the fuel level is low or the warning flasher lights, please refuel immediately.

operate unsteadily, which is acted as an additional warning, within the stretch of time after the low fuel warning light is ON. Please get to the nearest gas station to refuel.



The failure to refuel in time will be able to make the engine shut down automatically and result the difficulty



start the engine. In this case, the emergency assistance conducted by the CHERY Authorized Service Station is required. In addition, The failure to refuel in time may damage the engine.

Emergency Assistance

Please take care to properly use the compressor gun while fueling.

- The compressor gun shall be fully inserted into the fuel tank. Do not tilt the gun against the filler opening.
- If the automatic compressor gun is applied, it indicates that the fuel tank is refilled up once the compressor gun closes automatically while refueling. In this case, be sure not to try to refuel continuously, otherwise there is no expansion space inside the fuel tank. The fuel will spill over from the fuel tank once the temperature rises.
- Please take care to screw up the tank cap after refueling.

- Please take care to abide by the local related laws and regulations when you carry the spare canned fuel with your vehicle
- For the sake of safety, it is recommended that you don't carry the spare canned fuel with your vehicle in order to avoid that the fuel tank is damaged and the fuel spills over to result a fire disaster when a traffic accident occurs.

Replace the lamp bulb

Unless it is a very emergent case, it is unallowable for an owner himself/herself to replace the bulbs of the headlamp group since the front bumper shall be removed before these

bulbs are replaced. However, it may cause great trouble when no tools are available. If the replacement is necessary, the light/lamp and the ignition switch must be turned off before any bulb is replaced.

DO NOT directly hold the bulb glass with the fingers, otherwise the fingerprint upon it will be heated and volatilizes when the headlamp turns on, and deposits on the mirror surface, which will darken the reflector.

During the replacement of any bulb, make certain that the same model of bulb is applied. Please review the bulb specification before installation.

Emergency Assistance



The headlamp shall be aligned after the headlamp bulb is replaced every time. The CHERY Authorized Service Station offers you the best service.

Bulb of headlamp:

12V 55W

**Bulbs of turn signal,
backup, rear fog**

Lamps:

12V 21W

**Bulbs of license plate,
parking, side
directional and high
mount stop lamps:**

12V 5W

**Bulb of stop lamp/side
light:**

12V 21W/ 5W

Bulb of front fog lamp:

12V 55W

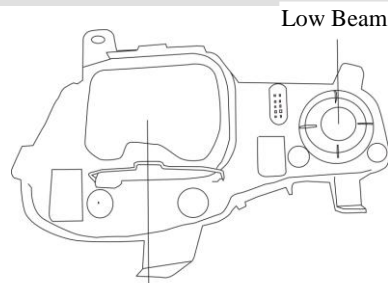
**Headlamp group (including
high/low beam/position
lamps/turn signal lights)**

If the damage of bulb results that the headlamp is out of service, please replace the corresponding bulb according to the following procedures.

1. Open the engine compartment cover.
2. Unscrew the protective cover of low beam or press downwards the protective cover according to the position shown in the figure so as to loosen the retaining clip of protective cover of high beam lamp bulb.
3. Pull out the harness connector from the bulb, press downwards

the clip of bulb holder by hand to make the clip go across the locating groove and then separate the clip to both sides, take out the bulb and pay more attention to the locating mark of the bulb.

4. **CAUTION: DO NOT** touch the surface of new bulb by hand so as to avoid the influence on the brightness of bulb. The lighting system is a safety part. Please note that any detailed operation shall be correct when replacement. If necessary, please get to the CHERY Authorized Service Station to make it repaired.



High Beam

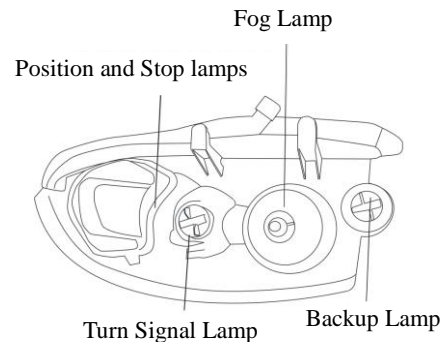
Low Beam

It is difficult to replace the bulbs of front turn signal and position lamps. If these bulbs have some troubles, please get to CHERY Authorized Service Station in time to make these lamps repaired.

Front fog lamp bulb

To replace the front fog lamp bulb, please get to the CHERY Authorized Service Station to replace it.

Emergency Assistance Tail lamp bulb

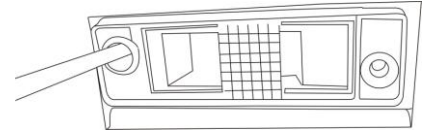


If the tail lamp fails to work due to the damage of its bulb, please replace the corresponding bulb according to the following procedures.

1. Open the tail door, and unscrew in the anticlockwise direction two nuts (under the sound isolation gasket) used to fasten the tail lamp from the internal side of luggage boot. Then unscrew three fixing bolts in the anticlockwise

Emergency Assistance

License plate lamp bulb



Installation position: over the license plate.

1. Unscrew and remove the tapping screws used to fix the license plate lamp.
2. Pull out the lamp holder and then draw out the damaged bulb.
3. Install a new bulb into the lamp holder and then install the lamp holder.
4. Secure the license plate with some tapping screws.

direction from the surface of tail lamp, pull out the harness connector from the tail lamp, and then take off the tail lamp.

2. Unscrew the protective cover of the bulb in the anticlockwise direction according to the position as shown in the figure.
3. Pull out the harness connector from the bulb, press downwards the clip of bulb holder by hand to make the clip go across the locating groove and then separate the clip to both sides, take out the bulb and pay more attention to the locating mark of the bulb.
4. **CAUTION: DO NOT** touch the surface of new bulb by hand so as to avoid the influence on the

brightness of bulb. The lighting system is a safety part. Please note that any detailed operation shall be correct when replacement. If necessary, please get to the CHERY Authorized Service Station to make it repaired.

It is difficult to replace the bulbs of rear position and stop lamps. If these bulbs have some troubles, please get to CHERY Authorized Service Station in time to make these lamps repaired.

High mount stop lamp bulb

It is difficult to individually replace the stop lamp bulb. Please get to the CHERY Authorized Service Station in time to make it repaired.

Emergency Assistance

Interior front ceiling lamp bulb

1. Turn off the interior lamp.
2. Insert a screwdriver into the gap between the lamp housing and the lamp shade, and carefully pry out the lamp shade.
3. Replace the bulb, and reinstall the reflector.
4. Reinstall the lamp shade into the installation hole of the lamp housing again.

Luggage boot light bulb

Installation position: at the middle of the luggage compartment.

1. Insert a screwdriver into the gap between the light housing and

light shade and then carefully pry out the light shade.

2. Replace the bulb.
3. Reinstall the light shade into the installation hole of the light housing.

Adjust the headlamp beam

The proper adjustment of headlamp beam directly affects the driving safety. So, the special device is available only to adjust the beam. Please pay attention to the laws and regulations applicable during adjustment.

Fuse and relay

The damaged fuse shall be replaced with a new one with the same rated

value. The position of the fuse box that



The ignition switch and all electrical devices shall be turned off before the replacement of the fuse and relay

including main fuse and relay is shown in the figure below.

Replacing the relay requires the related professional knowledge.

It is recommended that multiple spare fuses shall be carried with your vehicle for emergency use.

The CHERY Authorized Service Station has various specifications of spare fuses.

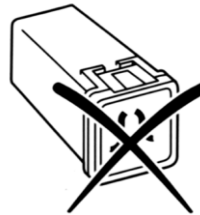
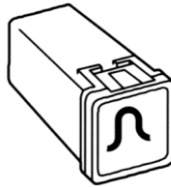
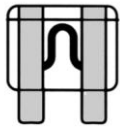
The brownout fuse can be identified in term of the fuse broken. All fuses are the push-in type ones.

Emergency Assistance



Any unauthorized change on the vehicle electrical or fuel system can be able to make influence on the performance of vehicle and may result a fire disaster or hazard on security. So, it is recommended that any work related to the removal of fuel or electrical system or to the replacement of relay is implemented by the CHERY Authorized Service Station.

Fuse



Cartridge fuse

Color Code of Cartridge Fuse	
Color	Ampere
Green	30
Pink	40
Yellow	60

Replace the fuse

Color Code of Fuse	
Color	Ampere
Auburn	5
Brown	7.5
Red	10
Blue	15
Yellow	20

Your vehicle is accompanied with a fuse extractor. You can find it in the fuse box of the engine compartment.

Engine Compartment Fuse Box:

Emergency Assistance

This fuse box is located at the right side of the engine compartment, and behind the battery. During checking or replacing the fuse, loosen the latch of engine hood and then pull up the hood cover to remove the cover of the fuse box (“B+” is the primary power of the fuse box).

Emergency Assistance

Replace the wheel

Park your vehicle in the proper position, and please make sure that it can't make an influence on the traffic and also can't endanger your body safety while the tire is replacing.

Please ensure that your vehicle stands on the reliable level ground. The appropriate wedges are applied to block your vehicle wheels to further secure your vehicle, if necessary.

Please make sure that the front wheels point to the dead ahead.

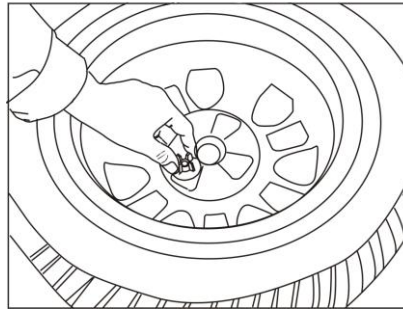
Please select the P position if the vehicle equips with the automatic transmission.

Spare wheel

The spare wheel is stored in the luggage boot.

Steps to replace a spare tire:

Open the luggage boot, unscrew in the anticlockwise direction the nuts used to secure the spare tire by hand, and then take off the spare tire.



In case that the spare tire or default wheel is installed, the spare tire fixing

screws attached to the body are inserted into any installation hole of the tire,



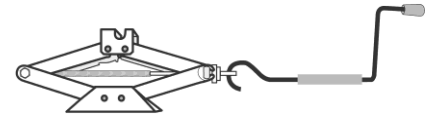
Please take care to abide by the following precautions before the vehicle is jacked up.

and then tighten the spare tire fixing screw in the clockwise direction to fasten the tire.

Attached jack



Using the jack to lift up the vehicle is ~~not~~ allowable for replacing wheel only. In this case, **DO NOT** operate under the bottom of vehicle.



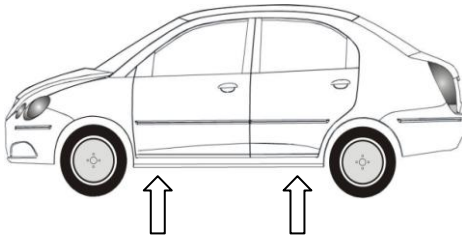
Emergency Assistance

The jack is placed in front of spare wheel stored in luggage boot.

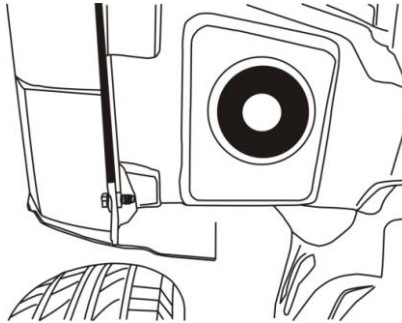
Jack lift point

The jack is available to bear the specified position of the bottom of car as shown in the figure only. The groove position of the jack supports the raised position of the bottom of car.

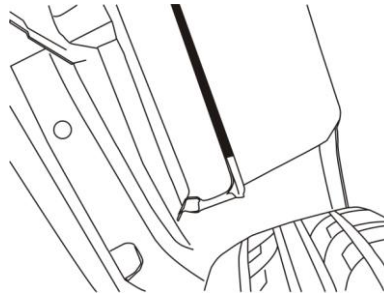
The jack lift point shall be fully close to wheel to be repaired.



The jack lift position of front wheel (the black block as shown in the figure)



The jack lift position of rear wheel (the black block as shown in the figure)



The maximum working load of a jack is 1,000 kg.

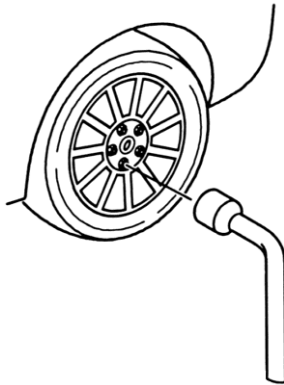
Remove the wheel

1. Make sure that the vehicle parks on a reliable level ground and the front wheel points to the dead ahead.
2. Turn off the ignition switch.
3. Please select the P position, in case of the vehicle equipped with the automatic transmission.
4. Please let passengers leave the vehicle.
5. Use the appropriate wheel stopper to secure the vehicle to avoid tumbling or slipping, if necessary.
6. Insert a flat screwdriver into the

Emergency Assistance

gap between the steel ring and hub cap, and then turn it carefully to remove the hub cap.

7. Use a special tool to unscrew the wheel nuts, as shown in the figure below.



8. Place the jack and make sure that the jack seat stays on a solid ground.

9. The jack must rise vertically to the lift point.
10. Lift up the vehicle until the wheel leaves the ground.
11. Remove the wheel nuts and then dismount the wheel.

Install the wheel

1. Push the wheel to the wheel cotter, and screw up the wheel nuts in the clockwise direction, and then make certain that the tip of any wheel nut faces to the wheel.
2. Jack down the vehicle and remove the jack.
3. Full tighten the wheel nuts with the diagonal tightening mode (the tightening torque shall be

110±10N•M).

4. Press the hub cap steadily into its proper position by your both hands.
5. Collect the jack and disable wheel in the reserve order and fix them.
6. Please get to the CHERY Authorized Service Station A.S.A.P. to make the wheel nut screwing torque and tire pressure examined.
7. Since the spare tire may not be used for a long time, to keep the standard air pressure of the spare tire, please charge it with the air pressure which is slightly greater than the normally-used air pressure of a tire.

Battery

Safety recommendations



- The battery acid features with corrosivity. Be sure to wear gloves and safety goggles. Do not lean the battery because the acid liquor may flow out from the vent. If the acid liquor splashes into your eyes, please clean them immediately with fresh water for several minutes and then see a

doctor immediately. If the acid liquor splashes to your skin or clothes, you can use the alkaline water (soap) to neutralize the acid and then clean it with fresh water. If swallowing the acid liquor, you shall see a doctor immediately.



- Keep the children far away from the acid liquid of the battery.



- The battery will release the explosive gas when charging.



Take care to apply the following preventive measures when carrying the battery.

- Open flames, sparks and smoking prohibited. Please prevent from the sparks when the wiring and electric operation are conducted. Please do not connect the electrodes. The resulted short-circuit may create the sparks and make people injured.



- There is the high voltage in the electronic ignition system. Please

Emergency Assistance

DO NOT touch these components in the case of the engine operating or the ignition switch turning on.

Disassemble and install

Take care to apply the following preventive measures when the battery is disassembled and installed.

- Your vehicle is equipped with a 12 V, 75 A•h, maintenance-free lead and acid battery.
- The old battery must be replaced with a new lead and acid battery when replacing the battery. Do not use the other kinds of batteries. The current and capacity of the new battery must be the same as that of the old battery or conform to the specification of the Chery

Company. For the right, detailed specification of battery, please enquire the Chery Authorized Service Station.

- Please remove the negative (-) cable firstly after the ignition and all electrical equipment are turned off.
- Please operate carefully and avoid that the metal tools contact the two electrodes of battery simultaneously or contact the positive electrode and the vehicle body by accident.
- When connecting the battery again, you shall connect the positive (+) cable firstly, and then the negative (-) cable.
- After the battery is subject to

disassembly and reconnection, the vehicle may be indicative of some abnormal performances during the initial stage of driving. This is that the engine control system is being adapted to the engine, and you can go unheard.



The used battery contains sulfuric acid and lead. DO NOT discard the battery according to the requirement of general domestic waste. Please send it to the local waste disposal station qualified.

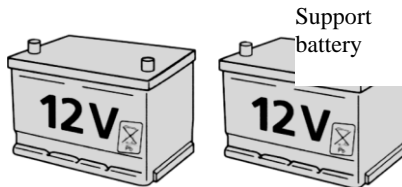


Emergency Assistance

Engine's battery-assisted start method

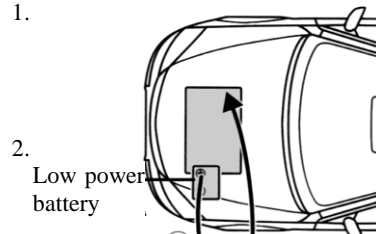
In the case that the vehicle battery has no power, the engine of the vehicle can start by means of inputting the power of other vehicle batteries.

The engine is connected to the battery with the same nominal voltage (12 V) only. Please use the jumper wire (with the insulating clip) and the cable with appropriate size. Please **DO NOT** remove the battery from the vehicle electrical system.

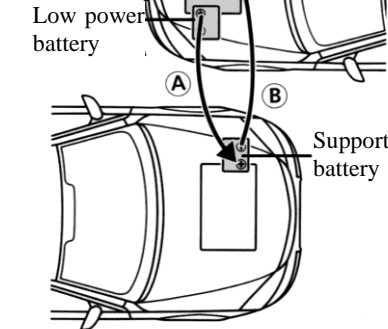


Connect the down-lead

1.



2.



4.

the negative (-) terminal of the support battery. And then connect the other end of the lead B to the metal part of the engine to be

started. The jumper wire shall be fixed so as to avoid that it contact the motion parts in the engine compartment.



DO NOT connect the lead B to the negative (-) terminal of the low power battery.

5. Make sure that the jumper wire can't interfere with the operating parts of the engine.

Start the engine

1. Run the engine of the vehicle equipped with support battery to make it operate at a proper high speed.
2. Start up the vehicle's engine with the low power battery. Start up the vehicle with a low power battery within 1 minute A.S.A.P.

Emergency Assistance

3. The engines of both vehicles shall run for three minutes before the down-leads are removed.

Remove the down-lead

- Remove the down-lead B (+) and then the down-lead A (-).



Please turn on the fan and electrical heating type rear windscreen of the vehicle equipped with low power battery in order to minimize the voltage surge during disassembly. Please DO NOT light the headlamp to substitute the heating type windscreen. Otherwise the surge voltage may damage the bulb.



The ignition switch of the vehicle trailed shall be in the "ON" position to make all the steering wheel, turn signal lamp and stop lamp work while trailing. There are no the braking-assisted force and the steering-assisted force because the engine is switched off. So, the required operating physical force shall be increased correspondingly.

Breakdown trailer

Both the rear and front of the vehicle are equipped with the trailing ring to fix the towing rope.

You shall drive your vehicle slowly and smoothly to avoid the jump of the vehicle trailed when trailing. The over-great pulling force of the towing rope may damage the vehicle.

Chapter 10 Maintenance and Care

It is essential to implement the regular maintenance on your vehicle during the use of your vehicle. Please strictly maintain your vehicle according to this manual so as to ensure that your vehicle can keep the best performance and good running conditions and effectively improve the service life of your vehicle. It also enables you to timely find and clear up the potential hazard and avoid the occurrence of an accident. In the subsequent sections, the commonly-used examination and maintenance methods will be addressed in detail. Please carefully read it.

Maintenance & care

Maintenance and care is classified as two categories: one is regular maintenance which can be done by the owner, and the other is the scheduled maintenance, examination, and repair, which shall be done by the CHERY Authorized Service Station.

Please strictly employ the engine oil, gasoline, brake fluid and antifreeze fluid which are recommended in this manual. Otherwise it may damage your

vehicle.

Services offered by the CHERY Authorized Service Station

Only the genuine spare parts and materials can guarantee the service life of your vehicle. Here, please specially note that: the genuine spare parts are provided by the CHERY Automobile Co., Ltd to the CHERY Authorized Service Stations nationwide only. So, you can get the genuine spare parts from the CHERY Authorized Service Stations only.

The CHERY Authorized Service Station is the unique maintenance service point authorized by the CHERY Automobile Co., Ltd.. The employees in any service station have taken the

strict, professional training conducted by the CHERY Automobile Co., Ltd. and offer you the high-quality after-sales services. If you have some complaints about the services and work provided by the CHERY Authorized Service Station, please feel free to directly mail or e-mail to us. We will response to your problem(s) A.S.A.P. When mailing or emailing to us, please DO NOT forget to clearly indicate the model of vehicle, chassis number, engine number, mileage, and date of vehicle delivery in your mail or email.

Itmes you must follow

Regularly check fluid level and refill oil/fluid. Check the tire pressure, lamps and brake system. Then check the warning lights. (See the *Scheduled*

Maintenance Sheet below, for your reference only.)

The brake fluid, coolant and power steering fluid reservoirs are semi-transparent containers which are convenient to the straight and instant check of these fluids.

General Maintenance



Clean your car only at the washing area that does not damage the ecological drainage system.



The used engine oil, brake fluid, anti-freeze fluid, battery and tire must be disposed by the qualified waste treatment agencies, or after consulting the related manufacturer. DO NOT throw it as the

domestic waste or drain it into the public drainage system.

Everyone shall concern about environment. Please offer your contribution and shoulder your responsibility to environmental protection.



The electrical ignition system
Turn off the ignition switch
before working in the engine
compartment. Even if the ignition
switch turns off, the cooling fan may
operate automatically. So, please take
care not to let your clothes (tie) to be
caught by the fan or driving belt.

Scheduled Maintenance Sheet

Daily check:

Check the working condition of all exterior lamps and interior lights. Replace the burned or dim bulbs and ensure that all mirrors are clean.

In case of refuelling, please check:

- Engine oil level
- Brake fluid level
- Windscreen cleaning fluid level
- Tire pressure and status (in the cold state only)
- Check all pipelines of crankcase

ventilation system have no any damage and bend symptom.

Monthly check:

- Coolant level (engine is in the cold state)
- Leakage of assy, pipeline, hose and oil tank
- Brake fluid level
- Power steering oil level
- Working conditon of A/C system*
- Working conditon of hand brake
- Working conditon of horn

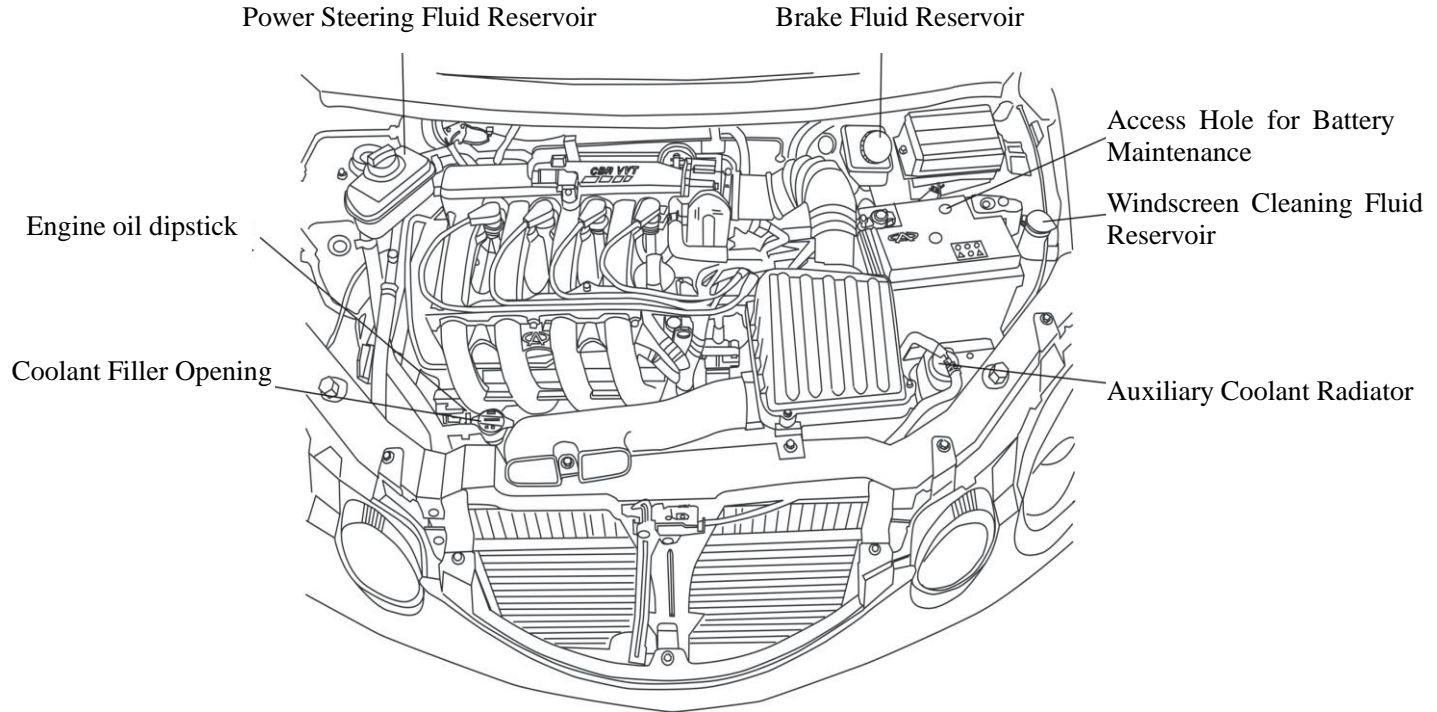
NOTICE:

The A/C system shall operate for at least 30 minutes every month.

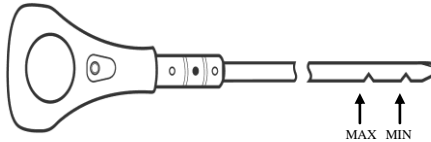


Keep the engine oil, lubricant grease and oil/fluid out of the reach of a child. Follow the safety instructions on the containers. Avoid the skin contacts the used oil.

Maintenance Items of the Engine Compartment



Engine Oil Dipstick



Engine oil consumption is affected by many factors. A new engine reaches the normal value only after the mileage of approx. 5,000 KM. More engine oil might be consumed under the high-load of engine.

Regularly check the engine oil, e.g., when refueling or before a long-distance journey.

Stop your vehicle on a level surface before the engine oil check. Turn off the ignition switch and wait for a few minutes to let the engine oil flows into the oil pan (it may spend more time if the exterior temperature is low or the temperature of engine does not reach the normal working temperature). Before the engine oil check, please DO NOT start up

the engine in the cold state. Pull out the dipstick and clean it with a flannelette-free cloth, and then fully insert the dipstick into the tank and pull it out again.

If the oil level is between MIN and MAX marks at the lower of dipstick, DO NOT refill the oil. The hot engine oil may exceed the upper mark several millimeters due to its thermal expansion.

If the oil level is at the MIN mark or below, please refill the engine oil conforming to CHERY's specifications only until the oil level reaches the area between the MIN and MAX marks. Please refer to “Capacity and Specification Parameters” in the manual for the details.

Engine oil filler cap

The oil refilled shall not exceed the upper limit.



Turn the engine oil filler cap in the anticlockwise direction and pull it out to open the cap. Please DO NOT open the cap when the engine is operating.



Please DO NOT use any engine oil additives or engine treating compound, which is not only unnecessary but also sometimes may damage the engine. And this damage is without the warranty.

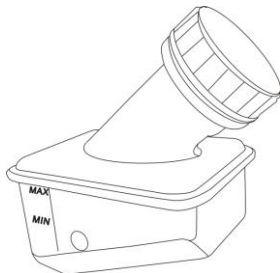
Turn the oil filler cap in the clockwise direction until you hear a “Kala” sound which indicates that the cap closes.



DO NOT dispose the empty oil container as the domestic waste.

In case of the disposal of these containers, please utilize the local waste treatment facilities qualified.

Brake fluid



The brake fluid reservoir is located at the right rear portion of engine compartment. The fluid level must be between the MIN and MAX marks at the side of the fluid reservoir. If the fluid level falls down to the MIN mark, the brake fluid level

warning light will light.

Refill the brake fluid conforming to the CHERY's specification only. Refer to "*Capacity and Specification Parameters*" in this manual. Get to the CHERY Authorized Service Station to check the leakage of this system A.S.A.P.

In case that the brake fluid is refilled, make certain that it is absolutely clean.

Engine coolant reservoir

QQ6 engine has a main radiator and an auxiliary radiator. When refilling the coolant, pay attention to the following methods:

Method to refill the coolant at the filler cap: In case of the engine's cold state and standstill, turn the filler cap in the clockwise direction and apply the pressure on the cap to open it, and then

Maintenance and Care

refill the coolant until it can be seen viewing from the filler opening. Tighten the filler cap in the anticlockwise direction, start up the engine and let it operate at the idle speed for about 1 minute, and then shut down the engine.



Please DO NOT let the brake fluid contact your skin or eye(s). If this accident occurs, please wash the affected position with a lot of clean water and immediately go to see a doctor.



When the fluid contacts the paintwork, please wipe it with the wet sponge or wash the paintwork with a lot of clean water.

Open the filler cap and continuously refill the coolant until it can be visible viewing from the filler opening.

In case that the engine's water temperature is high or in case of each maintenance, note that the coolant is refilled in time from the filler cap.

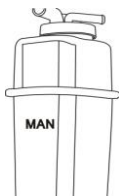




Please **DO NOT** mix the different colors and specifications of coolants.

Method to refill the coolant into an auxiliary radiator: In case of the engine's cold state and standstill, pull upwards and open the auxiliary radiator filler cap. The capacity of coolant refilled must exceed the MIN mark and below the MAN mark.

Regularly observe the capacity of coolant in the auxiliary radiator. Refill the coolant in time if below the MIN mark.



The coolant level can be checked through the semi-transparent auxiliary radiator. When the engine is in the cold state, the coolant level shall be between the MIN and MAX marks.

If it is necessary to refill the coolant when the engine is hot, wait for 10 minutes first to cool the engine. Loosen the filler cap one quarter turn to release the pressure. Wait for a period of time, and then fully open the cap to refill the coolant which conforms to the specifications of this vehicle.

Using the coolant with the proper concentration can't only protect the engine free from be frozen in winter, but also provide the corrosion protection all



This coolant is a noxious fluid which can't be used to wash your hands or clothes.

Pay more attention to the coolant when refilling and avoid that the coolant sprays on any position of the engine. If the fluid contacts your skin or eye(s) by accident, please wash the affected area and immediately go to see a



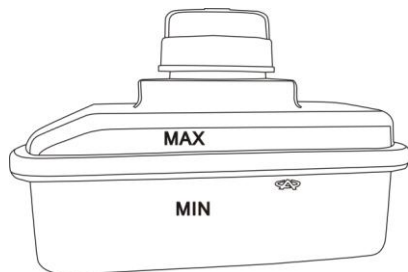
doctor. Do not touch the radiator cover when the engine is operating or in case of high temperature. Otherwise, the coolant will spray out from the system, which may result the injury or corrode the other parts.

the year around. Now, the engine can operate under very high temperature but the bad coolant can't provide the cooling system the proper corrosion protection.

So, please use the coolant conforming to the CHERY's specifications. **DO NOT** substitute the coolant with the main water.

See the "*Capacity and Specification Parameters*" for the capacity of coolant to be refilled.

Check the power steering fluid level

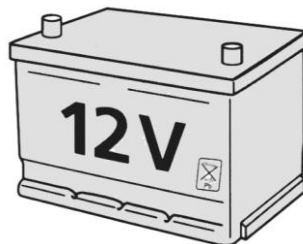


In case that the engine is in cold state, the power steering fluid level shall reach the MAX mark.

If the level is below the MIN mark, refill the specified fluid.

Select the power steering fluid conforming to the CHERY's specification.

Battery



On the battery, an inspection hole which can display the status of battery is available. Please charge or replace the battery according to the indication in the inspection hole.

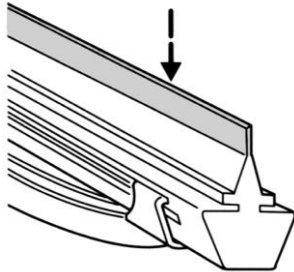
Your vehicle equips with a maintenance-free battery. It isn't recommended to use the other type batteries. The current and capacity of a new battery must be the same as that of the old one or conform to the CHERY's specifications. Please consult the CHERY Authorized Service Station for the correct specifications of battery.



The washer system is watered by the reservoir. If necessary, refill the clean water and windscreen cleaning fluid according to the concentration of (1: 20).

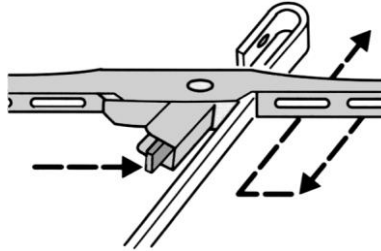
Please close the cover of reservoir after refilling.

Check the wiper blade



Slide the tip of your finger on the edge of a wiper blade to check the roughness of the blade. The butter, silicone resin and fuel may enable the wiper blade not to normally work. It is recommended that the glass cleaning fluid is applied to clean the wiper blade.

Replace the wiper blade



Lift the wiper arm and make it perpendicular to the wiper blade. To remove the wiper blade, press down the retaining clip according to the arrow as shown in the figure, loosen the wiper blade and then pull out the wiper arm in the reverse direction.

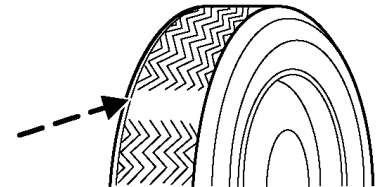
Tire

For the sake of your safety, when refuelling, please check the air pressure of tires (including the spare tire) after the tire cools. Refer to the "Capacity and Specification Parameters" in this manual for the recommended tire pressure.

Follow the correct tire pressure in case of high load and driving at high speed. The shortage of tire pressure may reduce the stability, increase the rolling resistance, and quicken the wear of tire, which may result the traffic accident and injured.

If you have to drive your vehicle on the edge of a road, you slowly drive it only. If possible, the wheel shall be perpendicular to the edge of road and approach the edge. Avoid the erected and sharp-edged obstacles. Pay attention not to scratch the side wall of tire when you are stopping your vehicle.

Regularly check whether there are scratches, foreign materials and uneven wear in the surface of a tire. The uneven wear of tire tread indicates the wheel related is not properly aligned.



The related regulations specify the depth of wear of the tire surface. Note that when the depth reaches the limit of 3mm, a wear strip will appear on the tire tread, which indicates the performance and safety of tire here considerably reduce and the tire must be replaced.



Dispose the worn tire according to local regulations on environmental protection.

Change the winter tire to summer tire as soon as road condition permits, which can reduce fuel consumption and lower the noise.

Replace the tire

The wheels applicable for your vehicle are properly selected to provide the best operation, comfortability and safety of your vehicle. The above specifications for the combination of tire and wheel rim are suitable for the steel or

aluminum-alloy wheel rim. Please contact the CHERY Authorized Service Station for other type tires and wheel rims applicable.



The improper tire and wheel rim may result an accident and without the warranty.

It is strongly recommended to use original tire or refer to the recommendations provided by the CHERY Authorized Service Station when you install a tire.



If you want to install a non-standard tire or wheel rim (e.g., light-alloy wheel rim or winter tire), please follow the related instructions or consult the CHERY Authorized Service Station.

NOTICE:

The speedometer is affected by the dimension of wheel. If the diameter of

the wheel is different from that of the original one, it is difficult to display the proper speed of vehicle.

Snow tire chain



1. The speed of vehicle shall not exceed 50 KM/h when the snow tire chain is available.
2. Immediately remove the snow tire chain if the vehicle travels on the road without snow.

The snow tire chain is applicable for summer and winter tires while is used on the driving wheel (front wheel) only.

When the snow chain is in service, the driving performance of a vehicle equipped with an anti-skid system might be slightly abnormal. Turning off the system can solve the problem.

To avoid the damage of the full-diameter wheel cap, remove it before the installation of the snow tire chain.

Immediately reinstall the wheel cap back

to its original position after the disassembly of the snow tire chain.

Train belt

The train belt is one of the parts subject to the most severe stress. So, the belt must be of high quality and reliable to meet operational needs.

When replacing the belt, choosing a belt with the same dimension only cannot meet the requirement. For the sake of safety, please use CHERY's original belt ONLY. The genuine spare belt is available in any CHERY Authorized Service Station.

NOTICE:

A train belt may extend after a period of use, and the belt will be loose when the

extension reaches a certain level, which will result an accident and damage your vehicle. So, the tension of the generator belt must be checked once after the mileage of 1,000 KM.

Check the tension of driving belt

1. Turn off the ignition switch and draw out the key.
2. Press the middle part of the belt with your thumb (with the force of approx. 100N) to check the flexibility of the belt:

Max allowable flexibility: 10 mm.

3. If the flexibility exceeds the allowable value, please immediately get to the CHERY Authorized Service Station to make it regulated.

Maintenance and Care

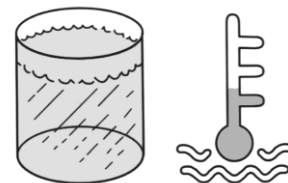
Vehicle washing

DO NOT throw the cleaning materials into the domestic waster. Please utilize the local waste treatment facilities qualified.



Use the vehicle cleaning area that doesn't damage the ecological drainage system ONLY. Using the clean water is the most important factor to protect the vehicle's paintwork.

The cold or slightly warm water is available only to clean your vehicle.



Automatica vehicle washer

The best method to wash a vehicle is to employ the brushless washing facilities available in a good vehicle-washing workshop. In the vehicle-washing workshop using the high-pressure water, the high-pressure washer may spray into your vehicle.

Manual washing

If using the vehicle shampoo, please rinse the vehicle with a lot of clean water after the completion of washing. And then clean and dry the vehicle with a dry cloth.

In case that the vehicle is washed, the water from a high-pressure water gun may enter into the intake pipe of an engine via the intake grille on the engine hood, and even may enter into the interior of

the engine. This results considerable damage to the engine. So, the high-pressure water gun shall NOT aim at the intake grille when washing.

Clean the headlamp

To avoid the damage of the plastic mirror of headlamp, DO NOT use the corrosive abrasives or chemical solvents. DO NOT wipe the headlamp when the mirror is drying or clean the mirror with sharp-edged articles to clean the cover.

Clean the rear windscreen

In case of cleaning the rear windscreen, to avoid the damage of the heating parts and radio antenna, use a soft cloth ONLY to wipe the rear windscreen. DO NOT use any solvent or sharp-edged articles to clean the windscreen.

Maintenance and Care

Chassis corrosion protection

The chassis has been treated by anti-corrosion process. Regularly check the corrosion protection of chassis, and



After cleaning the vehicle, please slightly step on the brake pedal to eliminate the moisture from the brake disc during driving.



Before entering into the automatic vehicle washer, please turn off the heating fan first.

get to the CHERY Authorized Service Station to make it repaired, if necessary.

Clean the wheel

Cleaning the wheel depends on the traveling distance. Clean all wheels once every week so as to avoid that the dust deposits on the brake. Please use the wheel shampoo, warm water and soft

sponge to clean the wheel. DO NOT use the abrasive materials to avoid it damages the special processed surface.

Cleaning products

To get the best effect, please properly use the cleaning products for your vehicle.

Paint-dropping treatment

Please get to the CHERY Authorized Service Station to handle the paintwork damage or slight scratch caused by the rocks and gravels on the road.

Paintwork protection

Wax your vehicle paintwork once or twice every year to keep the paintwork smooth.

Leather fabric care

Clean the leather surface with a wet

To ensure the vehicle paintwork durable, remove in time anything harmful to the paintwork, e.g., bird droppings, tree excretions, dead insects, tar spots, salt for removing snow on road or industrial droppings, etc.

cotton cloth and a tower, and wipe the surface with a clean soft cloth. Extremely dirty surface can be cleaned with a neutral cleaning agent, such as soap foaming agent. During the normal service, it is recommended to care the leather once every six months with the special leather-caring agent.

Do not make the leather excessive wet, especially note that water is unallowable entering into the seams.



Please use the proper cleaning material or agent to clean the leather fabrics ONLY.

Clean the radiator



When polishing the vehicle, DO NOT let the polishing agent contact the plastic surface. Otherwise it will be hard to remove the agent. Additionally, DO NOT polish the vehicle under strong sunshine.

After a period of traveling of a complete vehicle, the windward face of its condenser and radiator will be blocked by some inserts, tree leaves and other foreign materials. In this case, it may make an influence on the performance of A/C and cooling systems, which results that the A/C system can't normally work and the cooling system is overheat, etc. If so, clean the condenser and radiator.

It is best to clean the front face of

radiator once every year. Use the compressed air or water to clean the radiator wings and blow out the small inserts, tree leaves and etc.

The condenser can be rinsed by blowing the air from the rear to the front via the radiator. Also wash the condenser with water when the engine cools down.

The pressure of air and water shall not exceed 150 KPa. The pressure of above 150 KPa may damage the radiator wings.



The radiator wings are the indispensable parts in the good thermal conduction. DO NOT brush the wings, which may damage the wings and reduce the thermal conduction. Absolutely DO NOT spray the water on a hot radiator, which the hot vapour generated may result the injured. Wash the radiator only when the engine stops operating and cools down.

Regular Maintenance Specifications

Please drive your vehicle to the CHERY Authorized Service Station for regular maintenance according to the specified mileage.

Maintenance Item	Mileage (Km)
------------------	--------------

Maintenance and Care

	5000	15000	30000
Lighting, warning flasher devices, horn: Check its performance		★	★
Wiper and cleaning devices: Check its performance, and refill the cleaning fluid, if necessary		★	★
Check the free travel and liquid level of clutch, and adjust it if necessary		★	★
Engine oil: Replace it	★	★	★
Oil cleaner: Replace it	★	★	★
Transmission oil: Check the oil level, quality, color, and refill it, if necessary	★	★	★
Engine: Check the leakage (engine oil, antifreeze fluid, fuel, A/C system, etc)	★	★	★
Battery: Check the electrolyte level, and refill the distilled water if necessary (equipped with the maintenance-free battery)		★	★
Timing belt: Check the wear and tension, and adjust or replace it if necessary			★
Engine hood hinge and lock body: Lubricate it	★	★	★
Door hinge and door stopper: Lubricate it	★	★	★
Spark plug: Check it, and replace it, if necessary		★	★
Air cleaner: Clean its housing, clear the element, and replace its element, if necessary	★	★	★
A/C filter: Check its cleanness, and replace it, if necessary		★	★
Ignition timing: Check it	★	★	★
Fuel cleaner: Replace it			★

Maintenance and Care

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Wedge-shaped belt: Check its tension, and adjust or replace it, if necessary		★	★
Transmission: Check its leakage or damage		★	★
Dust cap of constant velocity universal joint: Check its damage	★	★	★
Steering tie rod end: Check its free play and the damage of dust cap	★	★	★
Protective sleeve of steering universal joint assy: Check its dislocation or damage		★	★
Hand brake: Check its travel and adjust it, if necessary		★	★
Brake lining/shoe: Check its thickness, and replace it, if necessary	★	★	★
Brake disc/drum: Check its working condition, damage, and replace it, if necessary		★	★
Vehicle bottom protector: Visually check its damage			★
Seat belt: Check its damage		★	★
Toe-in value, wheel camber angle: Check it, and adjust it, if necessary		★	★
Ball pin: Check its clearance		★	★
Rubber rear axle hingle: Check its damage		★	★
Steering knuckle/front wheel bearing: Check the looseness of connection, abnormal sound			★
Engine oil pan bolt: Check its looseness, and tighten it if necessary			★

Maintenance and Care

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Control arm rubber sleeve: Check its damage		★	★
Brake hose: Check its ageing, damage		★	★
Brake pipe: Check its damage, corrosion and the leakage at any joint		★	★
Suspension components: Check its abnormal looseness or friction, damage, and normal working	★	★	★
All joints of fuel system: Check its ageing, damage, abnormal looseness or friction			★
Exhaust system: Check its leakage and damage, adjust or replace it, if necessary		★	★
Steering system: Check the power steering fluid level, whether the clearance between the racks of steering wheel's gear is proper, the connection condition of all linkages, whether the system works normally, and repair or replace it, if necessary		★	★
Cooling system: Check the antifreeze fluid level, the status of all connecting pipes, leakage, and replace it, if necessary	★	★	★
Brake system: Check the brake fluid level, the status of all connecting pipes, damage and leakage, the working condition of the system, and repair or replace it, if necessary	★	★	★
A/C system: Check whether its pressure is normal, damaged, has abnormal sound, odor, and works normally	★	★	★
Tire (including spare tire): Check the depth of tire pattern, regulate the air pressure of tire, and check the	★	★	★

Maintenance and Care

Maintenance Item	Mileage (Km)		
	5000	15000	30000
tightening torque of wheel bolt.			
Tire position change			★
Chassis and body connecting bolt: Check its looseness, and tighten it, if necessary	★	★	★
Wheel: Check its looseness	★	★	★
Engine idling check: Check whether the engine working condition of the engine, parameters of electronic fuel injector, and its exhaust are normal when the engine operates at the idle speed, adjust it, if necessary	★	★	★
Trail driving: Check whether the functions of all mechanisms are normal or not, adjust it, if necessary	★	★	★
Note: For the manual transmission, the transmission gear oil shall be replaced every one-year of traveling or the mileage of 30,000 KM, and the brake fluid must be replaced every two-year of travelling or the mileage of 50,000 KM.			

Maintenance and Care



First 5000km Maintenance Card (within 6 months as from purchase date)

First 2500km Maintenance Card

Date: _____ Mileage: _____

Company (Name): _____

Check items:

Address: _____

1. Check the leakage of lubricating oil and oil cooler.
cooling and fuel systems.

Telephone: _____ Yes No

Date: _____

(Within 6 months as from purchase date)

E-Mail: _____

Mileage: _____

2. Check the transmission oil level, quality and color, and refill the oil if necessary.

Purchase Date: _____

Purpose: _____

3. Check the coolant level, and refill the coolant or adjust the coolant concentration if necessary.

License Plate Number: _____

License plate number : _____

4. Check the leakage of transmission.

Service Station (Seal) _____

Service Station (seal) _____

5. Check the damage of dust cap of steering tie rod.

Vehicle data _____

Vehicle data _____

6. Check the damage of dust cap of transmission's constant velocity universal joint.

Chassis No _____

Chassis No _____

7. Check the leakage of brake fluid, the damage of brake hose/pipe.

Model _____

Model _____

8. Check the working condition of seat belt.

Vehicle Description _____

Vehicle Description _____

9. Check the installation and damage of dust cap of steering universal joint.

Engine No _____

Engine No _____

10. Check the smooth gear shifting of manual transmission.

Transmission No _____

Transmission No _____

11. Check the looseness of chassis and body connecting bolts.

Paint Grade/Interior Devices _____

Paint Grade/Interior Devices _____

12. Check the working condition of seat belt.

Optional Parts _____

Optional Parts _____

13. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

14. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

15. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

16. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

17. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

18. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

19. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

20. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

21. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

22. Check the working condition of seat belt.

Signature of owner : _____

Signature of Owner: _____

Maintenance and Care

9. Check the effective work of brake wheel cylinder. ☐ ☐
10. Check whether the tire inflation pressure conforms to the specification.
19. Check the working condition, eletronic fuel injector parameters and exhaust of the engine while idling. ☐ ☐
20. Trial driving to check the functions of all mechanisms.

Maintenance Record

Regular Maintenance

Regular Maintenance

Up to 10,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Time or mileage for next service:

Date:

Date:

Regular Maintenance

Up to 15,000 KM mileage or within six months after last maintenance, implement 15,000KM maintenance items

Date: _____

Mileage: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Time or mileage for next service:

Date:

Date:

Regular Maintenance

Up to 20,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Time or mileage for next service:

Date:

Date:

Maintenance and Care

Regular Maintenance

Up to 30,000 KM mileage or within six months after last maintenance, implement 30,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Regular Maintenance

Up to 35,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Implement the regular maintenance in accordance with the Regular Maintenance Specifications for QQ6 (for the mileage and date requirements within the maintenance period above, whichever occurs first)

Maintenance and Care

Regular Maintenance

Up to 40,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Regular Maintenance

Up to 45,000 KM mileage or within six months after last maintenance, implement 15,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Regular Maintenance

Up to 50,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Implement the regular maintenance in accordance with the Regular Maintenance Specifications for QQ6 (for the mileage and date requirements within the maintenance period above, whichever occurs first)

Maintenance and Care

Regular Maintenance

Up to 55,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Date: _____

Mileage: _____

Regular Maintenance

Up to 60,000 KM mileage or within six months after last maintenance, implement 30,000KM maintenance items

Date: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Date: _____

Mileage: _____

Regular Maintenance

Up to 65,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Date: _____

Mileage: _____

Implement the regular maintenance in accordance with the Regular Maintenance Specifications for QQ6 (for the mileage and date requirements within the maintenance period above, whichever occurs first)

Maintenance and Care

Regular Maintenance

Up to 70,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Regular Maintenance

Up to 75,000 KM mileage or within six months after last maintenance, implement 15,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Regular Maintenance

Up to 80,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____
Mileage: _____

Seal of service station
Signature of owner
Time or mileage for next service:

Date: _____
Mileage: _____

Implement the regular maintenance in accordance with the Regular Maintenance Specifications for QQ6 (for the mileage and date requirements within the maintenance period above, whichever occurs first)

Regular Maintenance

Up to 90,000 KM mileage or within six months after last

Regular Maintenance

Up to 85,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Date: _____

Mileage: _____

Regular Maintenance

Up to 95,000 KM mileage or within six months after last maintenance, implement 5,000KM maintenance items

Date: _____

Mileage: _____

Seal of service station

Signature of owner

Time or mileage for next service:

Date: _____

Mileage: _____

Implement the regular maintenance in accordance with the Regular Maintenance Specifications for QQ6 (for the mileage and date requirements within the maintenance period above, whichever occurs first)

Safety System

Protection

Your vehicle equips with the airbag system. The complete set of airbag system must be replaced once every 10 years as from the purchase date. And the airbag system must be replaced by the CHERY Authorized Service Station.

To ensure the normal operation of the airbag system, you shall get to the CHERY Authorized Service Station according to the specified time and have the airbag system replaced.

If the airbag system is replaced before the specified time (e.g., after the occurrence of an accident), please carefully complete the replacement record for future reference.

Safety System Replacement Record

- ☐ Driver's Airbag
- ☐ Front Passenger's Airbag
- ☐ Left Side Airbag
- ☐ Right Side Airbag
- ☐ Airbag Control Module
- ☐ Airbag Cable
- ☐ Pretensioner Seat Belt
- ☐ Other Parts

- 1.-----
- 2.-----
- 3.-----
- 4.-----
- 5.-----
- 6.-----

Date: -----

Seal of CHERY Authorized
Service Station:

Safety System Replacement Record

- ☐ Driver's Airbag
- ☐ Front Passenger's Airbag
- ☐ Left Side Airbag
- ☐ Right Side Airbag
- ☐ Airbag Control Module
- ☐ Airbag Cable
- ☐ Pretensioner Seat Belt
- ☐ Other Parts

- 1.-----
- 2.-----
- 3.-----
- 4.-----
- 5.-----
- 6.-----

Date: -----

Seal of CHERY Authorized
Service Station:

Warranty Service

Safety System Replacement Record

- ☐ Driver's Airbag
- ☐ Front Passenger's Airbag
- ☐ Left Side Airbag
- ☐ Right Side Airbag
- ☐ Airbag Control Module
- ☐ Airbag Cable
- ☐ Pretensioner Seat Belt
- ☐ Other Parts

1.-----
2.-----
3.-----
4.-----
5.-----
6.-----

Date: -----
Seal of CHERY Authorized
Service Station:

Safety System Replacement Record

- ☐ Driver's Airbag
- ☐ Front Passenger's Airbag
- ☐ Left Side Airbag
- ☐ Right Side Airbag
- ☐ Airbag Control Module
- ☐ Airbag Cable
- ☐ Pretensioner Seat Belt
- ☐ Other Parts

1.-----
2.-----
3.-----
4.-----
5.-----
6.-----

Date: -----
Seal of CHERY Authorized
Service Station:

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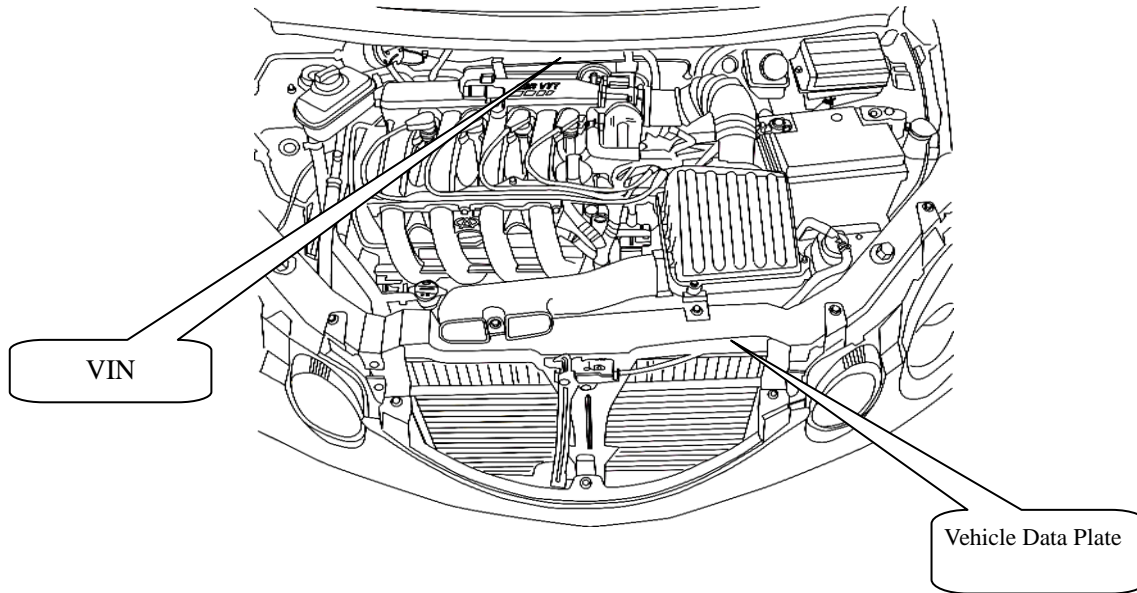
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Date: -----
Seal of CHERY Authorized
Service Station:

Chapter 12 Capacity And Specification Parameters

Capacity and Specification Parameters

Vehicle Identification Direction



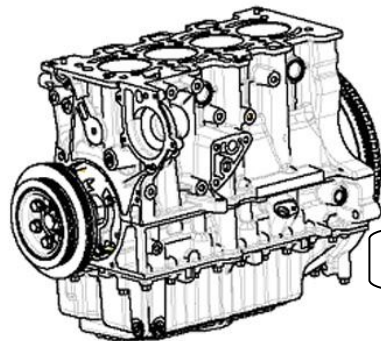
Capacity and Specification Parameters

VIN

The CHERY QQ6's VIN code is engraved on the lower of gutter channel at front side of the vehicle (as shown in the figure below).

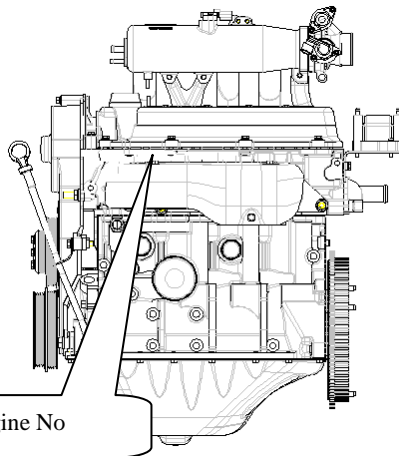
Engine No.

Number of SQR473F series engine is printed on the boss of cylinder body near the engine exhaust side oil cleaner (as shown in the figure below).



Engine No

Number of SQR472F series engine is printed on the boss of cylinder body over the engine exhaust side oil cleaner (as shown in the figure below).



Vehicle Data Plate

奇瑞汽车有限公司 (中国制造)	
品牌 奇瑞牌	型号: SQR _____ 座位数: _____
出厂编号: _____	
出厂日期: _____	
发动机型号: _____	
发动机额定功率: _____	
VIN 码: _____	
发动机排量: _____ 总质量: _____	

The vehicle data plate is secured on the crossbeam of radiator.

Fuel

Fuel Tank Capacity:

Gasoline Engine: 45 L

Use the following fuel level only, and use the high quality fuel containing the cleaning agents and other additive agents. Using the lower level fuel can damage the engine.

If you can't buy the high quality

Capacity and Specification Parameters

gasoline containing additives temporarily, or when the engine has such defaults as poor start, inconsistent idle or poor power and etc, a proper amount of additives shall be added when refueling. The fuel additives play a role in preventing the engine from corroding and scaling, and cleaning the fuel system.

The CHERY Authorized Service Station has the fuel additives in stock certified by this company. The staff of the service station is accomplished in its application method and the method to process the scale of engine, and provide you with warm service.

You may hear the fizz sound when you open the fuel filler cap. And this is normal.

93# Above Unleaded Gasoline (Its Octane Number is Above 93)

The usage of gasoline with the grade lower than No. 93 is not permitted; otherwise it may damage the engine, which is excluded from the warranty scope.

The vehicles equipped with catalytic converter must use unleaded gasoline only.

To avoid the occurrence of filling improper fuel, the necked refiller opening design is applied for the fuel tank to enable the compressor gun for unleaded gasoline only to stretch into the opening to fill fuel.



If you fill the leaded gasoline into the fuel tank by accident, please don't start up the engine (even if filling a little of leaded gasoline only). The lead contained in the fuel may make the oxygen sensor and catalytic converter damaged permanently. It is recommended to contact the nearest CHERY Authorized Service Station immediately.

Engine Oil

Replace engine oil

The engine oil recommended by CHERY Company is:

API SJ SAE 10W-40 for the SQR473F series engines, with the refilling of 3.5-4.0L; API SF SAE 10W-30 for the SQR472F series engines, with the refilling of 3.5L. The engine of your vehicle is designed to apply this kind of

Capacity and Specification Parameters

engine oil. Please strictly abide by this provision so as to get best performance.



Please don't use the additional additives or engine treatment agents approved by CHERY Company because these additives aren't only unnecessary to use, but also may damage the engine under some conditions. This kind of damage is NOT covered in this warranty.

Refill engine oil

Any CHERY Authorized Service Station will keep the related records on date to renew the oil, and will also use the recommended engine oil. The engine oil refilled shall not exceed the MAX mark on the dip stick.

If you require the detailed comments or information, each CHERY Authorized Service Station will

pleasantly help you.

Automobile oil/fluid

Please replace the oil/fluid according to the time interval listed in the *Maintenance and Care*.

Transmission oil

M/T (Manual Transmission)

QR513MHA transmission oil employs the 75W-90 synthetic gear oil, with the refilling of $1.8 \pm 0.1\text{L}$;

QR512 transmission oil employs the 75W-90 synthetic gear oil, with the refilling of 2.1L.

Power assisted steering oil

Use the hydraulic oil conforming to

the CHERY Company's specification.



Please don't use the engine oil that doesn't conform to the specification and requirement above because these improper engine oils may damage the engine, which this kind of damage is NOT covered in this warranty.

The CHERY Authorized Service Station has the CHERY OEM oil/fluid stocked.

Brake fluid and clutch oil

The Dot 4 brake fluid is available, and refilled to the MAX mark as required.

The brake fluid without paraffin wax is available only.

Capacity and Specification Parameters

Coolant

Use the coolant that meets the CHERY specification. The CHERY Authorized Service Station has the CHERY EM oil stocked.

Windscreen Washer Fluid

Fill the reservoir with the CHERY designated windscreen washer fluid concentrated solution and water (1:20). If the exterior temperature is low, the winter windscreen washer fluid is applied.

Please refer to the instruction on the



container for correct concentration.

The empty/scrap engine oil containers and strainers shall not be disposed as household waste. Please use local authorized waste disposal facilities.

WOC (Weight of Car)

The curb weight means the weight that the vehicle can drive under this weight, including coolant, lubricating oil, fuel tank filling to 90%, tools, spare tire and drive weight (75 kg).

Effective load means the allowable



In the case of heavy load (with trailer, a long time driving in the mountain area, for example), it shall be performed to simultaneously replace the brake gasket and the brake fluid. It must be ensured that the brake system is absolutely clean during adding the brake fluid, and it may make the braking performance if any foreign



Please follow the vehicle load capacity prescribed in the Manual (if applicable), and it is not permitted to exceed the allowable gross weight, otherwise, it may cause the vehicle braking and operation control performance change and may result in traffic accident.

gross weight minus the curb weight.

The optional and subsequent additional devices will reduce the effective load.

Capacity and Specification Parameters

CAPACITY (L)	
Engine Oil (Including strainer)	SQR473F series: 3.5—4.0 L SQR472F series: 3.5 L
M/T (Manual Transmission)	QR513MHA: 1.8±0.1L QR512: 2.1L
Power Assisted Steering	MAX mark
Cooling System	1.3L displacement: 6.5 L 1.1L displacement: 6.0 L
Windscreen Cleaning System	MAX mark
Fuel Tank	45L
Brake Fluid /Clutch Oil Reservoir	MAX mark

Capacity and Specification Parameters

Capacity

Complete Vehicle Curb Mass

Model		SQR7130QQ6	SQR7110QQ6
Complete Vehicle Kerb Mass kg		1050	990
Complete Vehicle Kerb Axle-Load Mass	Front Axle kg	650	586
	Rear Axle kg	400	404
Maximum Manufacturer's Load		375	375
Maximum Manufacturer's Total Mass kg		1425	1365
Axle-load Mss at Maximum Manufacturer's Total Mass	Front Axle kg	730	705
	Rear Axle kg	695	660
Occupants (including driver) person		5	5

Capacity and Specification Parameters

Wheel and Tire

Tire pressure

The pressure of cold tire shall be inspected before you begin to take your journey (Don't forget to check the air pressure of spare tire).

Tire pressure (Cold tire) (KPA)

Item		Tire Pressure (kPa)	Spare Tire
Front Wheel	Unloaded/Semi-loaded	230	230
	Laden	230	
Rear Wheel	Unloaded/Semi-loaded	210	
	Laden	210	

Precautions on tire pressure

- The tire pressure shall be checked at least once every

month, especially for the tire pressure during driving at high speed.

- The pressure values listed in this table are applicable to the cold tire, and it is unnecessary to decrease the air pressure if it increases slightly after the tire is heated.
- If the winter tire is applied, the pressure values listed in the table above shall increase by 20kPa.
- To make you convenient to search the specific value of inflation pressure, the sticky label is attached on the inside of cover board of fuel filler cap on where the specific inflation pressure value of tire is marked.

Tightening torque of wheel bolts

The tightening torque of wheel bolts shall be $110 \pm 10 \text{ N} \cdot \text{m}$.

Wheel

Tire	Wheel Rim
175/60R14×79H	5J

Capacity and Specification Parameters

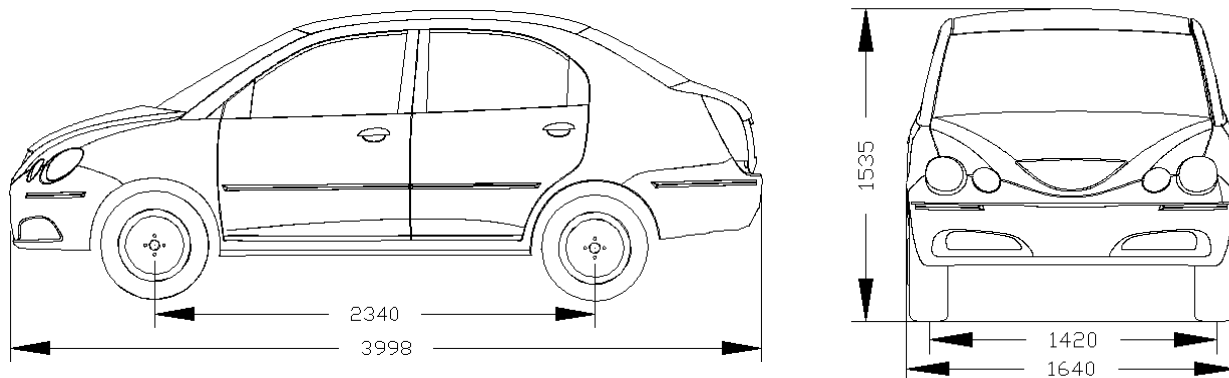
Capacity and Specification Parameters

Engine Information		
Model	SQR473F	SQR472F
Type	Vertical, water-cooled, four-strokes, in-line, double overhead camshaft, 4 valves, multipoint electronic gasoline injection	Vertical, water-cooled, four-strokes, in-line, double overhead camshaft, multipoint electronic gasoline injection
Cylinder Diameter (mm)	73	72
Piston Stroke (mm)	77.5	66.5
Displacement ml	1297	1083
Compression Ratio	10	9.5:1
Rated Power (Net Power) kW	61	50
Speed at rated power (r/min)	6000	6000
Max Torque N.m	114	90
Speed at max. torque (r/min)	3800~4500	3500~4000
Min Fuel Consumption g/kw.h	280	275

Capacity and Specification Parameters

The adjustment or inspection shall be conducted at least 5 minutes later after the engine stops operating.

Vehicle Dimension



Capacity and Specification Parameters

Item		Dimension (mm)
A=Max Length		3998
B=Full Width		1640
C=Full Height (Kerb Weight)		1535
D=Wheelbase		2340
E=Wheel Track	Front	1420
	Rear	1420
Ground Clearance		≥130

